TECHNICAL CATALOGUE

System pro E power

Rear Busbar System



Summary
Rear Busbar System

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REAR BUSBAR SYSTEM 2

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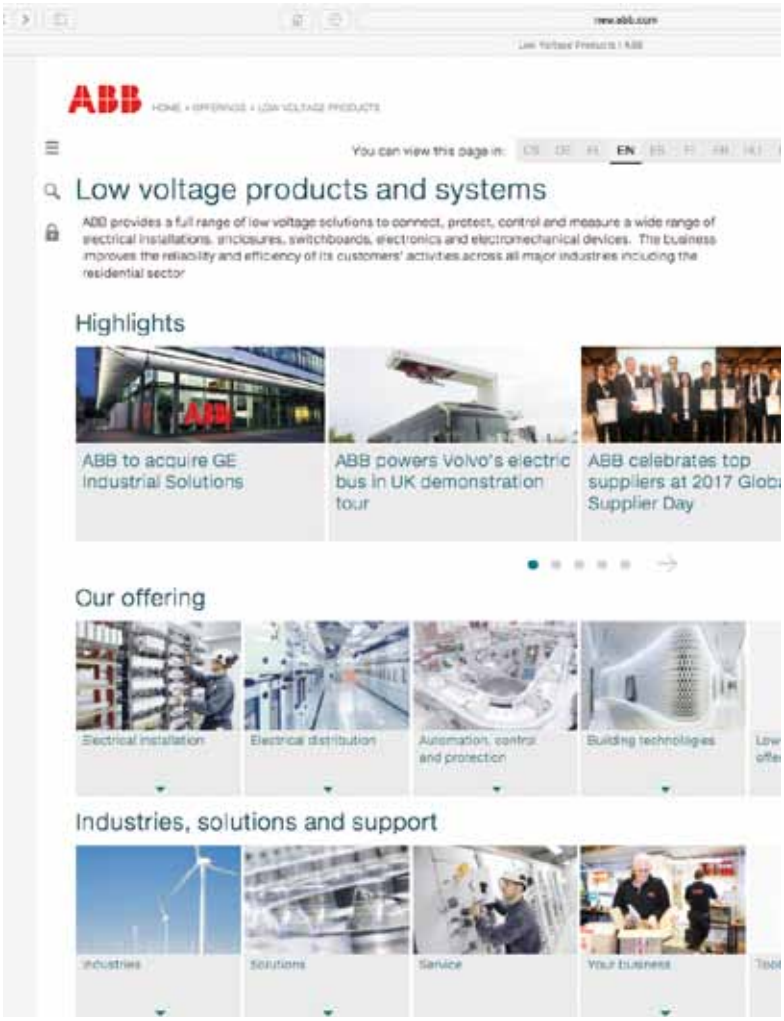
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The ABB SACE website: makes your work easier, develops your business

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www.new.abb.com/low-voltage
The ABB SACE website will help you in your daily work with an innovative approach to the world of low voltage electrical installations and industrial automation.

- News, to keep you up to date about the latest electrical engineering innovations
- Products, just a simple click for an overview of ABB SACE products 24 hours a day
- Catalogues that you can consult, download and request
- Technical documentation where you can check circuit diagrams, dimensional drawings,
- instruction sheets, installation manuals
- Work tools for designing in complete safety
- Training, where you can consult the training catalogue and register for courses online



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Technical software Calculation and cost estimate tools

e-Configure Enclosures
Configuration software for System pro E portfolio

e-Configure Enclosures configuration software for System pro E makes light work of planning and calculating ASSEMBLIES: simplicity at the click of a button with unparalleled speed.
e-Configure Enclosures will give the possibility to design any kind of ABB Low Voltage Enclosures:

- System pro E power (Main Distribution Boards)
- System pro E energy (Sub-Distribution Boards)
- System pro E control (Automation Boards)
- System pro E comfort (Consumer Units)

Easy and intuitive to operate, the configuration software offers the user fast, optimum support and maximum planning reliability. The designer will have the perfect drawing in just a few clicks. e-Configure Enclosures creates both part lists and order lists in parallel in the background, all in a convenient, clear and accurate manner.

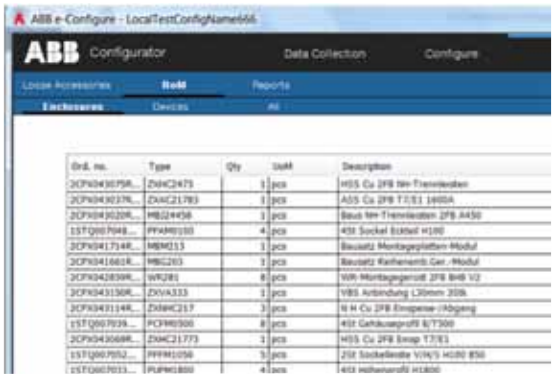
Features
A complete front view in no time at all. Planning an ASSEMBLY in just a few minutes? The exemplary user friendliness of e-Configure Enclosures makes this possible. The idea underlying the new configuration software states „think in terms of functions, not products".



This significantly simplifies the planning phase and saves valuable time.

e-Configure supports the user at the beginning of the planning process by means of a simple, intelligent input mask: the user just has to enter the key data of the distribution, the electrical and mechanical function of the section, and e-Configure takes care of the rest. In the background, parallel to user entries, e-Configure configures an orderable ASSEMBLY from the given characteristics. User will obtain a graphic display of the configured ASSEMBLY in no time at all.

The user will be provided with information about both the price of the ASSEMBLY and the lengths and weights of the copper busbars. Open interfaces guarantee continuity of the data, and further use of the compiled planning data in user's own systems.



The greatest benefit for the user is to save considerable time in the case of subsequent detailed planning.



Rear Busbar System

The ABB range of metal enclosures for main distribution is now enhanced with the new System pro E power Rear Busbar System. The columns have a functional height of 2000 mm and a functional depth of 500, 700, and 900 mm. Different widths can be selected (functional 300, 400, 500, 700, 900, 1100 and 1250 mm) depending on the device type and quantity.

Security

- Tested to IEC 61439-1/-2
- Installation of the surge arrester in compliance with IEC 61439-1/-2
- IPXXB touch guard covers

Efficiency

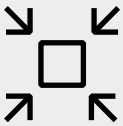
- MBB and DBB in one system
- High packing density
- Compact design
- Space saving thanks to compact MBB

Reliable in extreme conditions

Thanks to the tests performed on the product, the enclosures can stand a rated short-time with-stand current (Icw) up to 150 kA and a Maximum rated current up to 6300A.
The safety is also guaranteed by the complete range of segregation forms up to form 4b.

Compatibility

- Combination possible with standard CombiLine N modules
- Installation of MCCBs Tmax and ACBs Emax 2
- Installation of fuse switch disconnectors InLine II
- Switch disconnectors fuse Slimline XR
- Installation of XLine in horizontal and vertical position



Space saving
Efficiency
Footprint optimization thanks to width section designed to optimize breaker dimensions



Speed up your projects
Productivity
Easy to be configurated with full compatibility with ABB devices.



Safety and protection
Reliability
Type tested solution up to 6300A and 150kA

System pro E power
User's guide



Chapter 1
Our product range
Overview, introduction and advantages of the new main distribution switchboard range up to 6300A.



Chapter 2
Rear busbars system
Description of the different busbar system combinations that can be created. Selection guides and capacity tables.



Chapter 3
Technical details and certifications
Specifications of the new switchboard, regulatory framework, Italian and international certifications.



Chapter 4
Overall dimensions
Overall dimensions of the switchboards and the relative components available.



Chapter 5
List of codes
Analytical list of codes.

Chapter 1
Our product range

1–2 **Introduction**

1–4 **Main characteristics of the series**

1–6 **Selection table for solutions**

Our product range
Introduction

With System pro E power offer ABB provides new solution for main distribution switchboards with rated current up to 6300A and short-circuit current up to 150kA with Rear busbars system and 2000A up to 75kA with Empty enclosures and 185mm busbar system. All plant requirements depending on the type of installation, required degree of protection and electrical and mechanical specifications can be achived.

Thanks to the new switchboard, ABB can provide complete solutions for main electric power distribution in infrastructures and industries, in accordance with the regulatory framework. Typical fields of application are airports, subways, hospitals, industrial and residential estates, ports, tunnels, railways, theatres, etc.

In addition, System pro E power guarantees full synergy with all the other ABB apparatus (i.e. modular circuit-breakers, Tmax T and XT moulded-case circuit-breakers, Emax 2 air circuit-breakers) while being extremely simple to assemble and ensuring ease of wiring.

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System pro E power offers



	Empty enclosures for free construction	**185mm busbar system up to 2000A**
Range	Empty enclosure for the fitting of Combiline modules or any other devices	Simple energy distribution solution with a main breaker as incomer, Inline II fuses as outgoer with optimized internal copper connections Main characteristics - IEC 61439 1-2 type tested - Rated currents 1000A, 1250A, 1600A, 2000A
Standard	IEC 62208	IEC 61439 1-2 type tested
"Rated current"	-	Up to 2000A
"Short circuit current Icw 1 sec Form Compatibility"	-	up to 75kA
Segregation	-	Form 1 only
Compatibility	Free construction with full range of accessories and mounting plates.	Incomer T7, E1.2 or E2.2 from 1000A to 2000A. Feeders Inline II up to 630A.





Rear busbar system up to 6300A
Complete main distribution solutions to meet all plant requirements depending on the type of installation, required protection class and the electrical and mechanical specifications. **Main characteristics** **- IEC 61439 1-2 type tested** **- Rated current: up to 6300A.** **- Segregation forms: up to form 4b**
IEC 61439 1-2 type tested **Seismic widthstand properties** **Vibrations widthstand properties** **Arc fault widthstand properties**
Up to 6300A
Up to 150kA
Up to form 4b
ABB full package of breakers and switches from Din rail solutions to Air Circuit Breakers up to 6300A.

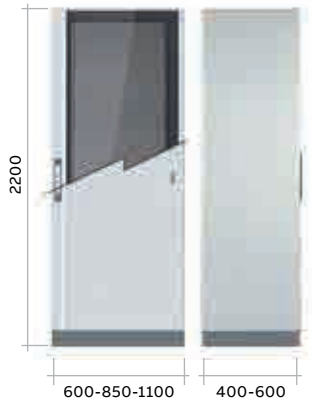
Range presentation
Main characteristics of the series

Empty enclosures for free construction



Compliance with Standard		IEC 62208
Approvals		LOVAG
Vibration test		-
Seismic withstand capability test		-
Conditions of installation		Indoor installation
Ambient temperature, average value 24h		-
Ambient temperature, maximum value		-
Ambient temperature, minimum value		-
Pollution degree		3
Protection class		I (earthed)
Rated current In		-
Rated short-time withstand current Icw		-
Rated peak short-circuit current Ipk		-
Rated service voltage Ue		1000V AC - 1500V DC
Rated insulation voltage Ui		1000V AC - 1500V DC
Rated frequency		50-60Hz
Rated impulse withstand voltage Uimp		-
IP protection class		IP30, IP31, IP40, IP41, IP54, IP65
Painting	**Enclosure**	RAL 7035
	Plinth	RAL 7012
Protection against mechanical impact IEC62262	**Glazed door**	IK09
	Blind door, without door	IK10
Functional dimensions. External dimension = functional dimensions + 100mm (see more details in overall dimensions chapter).	**Height (mm) without plinth (+100, 200 mm with plinth)**	1800, 2100
	Width (mm)	250, 500, 750, 1000, 1250
	Depth (mm)	200, 300, 500, 700

185mm Busbar System
Segregation only Form 1



Rear busbar system
Segregation up to Form 4b



IEC 61439-1-2	IEC 61439-1-2
LOVAG	LOVAG
-	In accordance with Standard IEC 60068-2-57
-	In accordance with Standard IEE Std 693
Indoor installation	Indoor installation
+35 °C	+35 °C
+40 °C	+40 °C
-5 °C	-5 °C
3	3
I (earthed)	I (earthed)
up to 2000A	up to 6300A
up to 75kA	up to 150kA
up to 165kA	up to 264kA
415 VAC	1000V AC - 1500V DC
1000V AC	1000V AC - 1500V DC
50-60Hz	50-60Hz
8kV	12kV
IP30, IP40, IP55, IP65	IP30, IP31, IP40, IP41, IP54, IP65
RAL 7035	RAL 7035
RAL 7012	RAL 7012
IK09	IK09
IK10	IK10
1800, 2100	2000
500, 750, 1000	300, 400, 600, 800, 1000, 1250 Internal cable containers 200, 400
300, 500	200, 300, 500, 700, 900

General information
Selection table for solutions

Realization of the different IP protection class example

Vertical circuit breaker kits

IP Column	Component	Without gasket	With gasket
IP40	Blind Side		✓
	Blind Rear		✓
	Blind Top	✓	
	Blind Bottom	✓	
	Internal bottom without plinth	✓	
	External Single Door	✓	
	External Double Door	✓	
IP30	Aerated Side		✓
	Aerated Rear		✓
	Open Top (with flanges)	✓	
	Internal Bottom with plinth	✓	
	Elevated Top	✓	
	Aerated top	✓	

The Maximum IP degree for the Breaker Column is IP40.
By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

XLine Vertical 185mm

IP Column	Component	Without gasket	With gasket
IP40	Blind Side		✓
	Blind Rear		✓
	Blind Top	✓	
	Blind Bottom	✓	
IP30	Aerated Side		✓
	Aerated Rear		✓
	Internal Bottom with plinth	✓	
	External Bottom	✓	
	Elevated Top	✓	
	Aerated top	✓	

The Maximum IP degree for the XLine Vertical 185mm Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

InLine

IP Column	Component	Without gasket	With gasket
IP40	Blind Side		✓
	Blind Rear		✓
	Blind Top	✓	
	Blind Bottom	✓	
IP30	Aerated Side		✓
	Aerated Rear		✓
	Internal Bottom with plinth	✓	
	External Bottom	✓	
	Elevated Top	✓	
	Aerated top	✓	

The Maximum IP degree for the InLine Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

XLine Horizontal 185mm

IP Column	Component	Without gasket	With gasket
IP30	Blind Side		✓
	Blind Rear		✓
	Blind Top	✓	
	Blind Bottom	✓	
	Blind Door for Internal Cable Compartment	✓	
	Aerated Side		✓
	Aerated Rear		✓
	Internal Bottom with plinth	✓	
	Elevated Top	✓	
	Aerated top	✓	

The Maximum IP degree for the XLine Horizontal 185mm Column is IP30.

CombiLine

IP Column	Component	Without gasket	With gasket
IP65 [1]	External Single Door		✓
	Blind Top		✓
	Blind Bottom		✓
	Blind Side		✓
	Blind Rear		✓
IP55	Open Top with flanges		✓
	Open Bottom with flanges		✓
IP40 [2]	Blind Top	✓	
	Blind Bottom	✓	
	Internal bottom with plinth	✓	
IP30 [3]	Aerated Side		✓
	Aerated Rear		✓
	Open Bottom with flanges	✓	
	Internal Bottom with flanges	✓	
	Elevated Top	✓	
	Aerated top	✓	

[1] IP54 with Double Door [2] IP41 with Top with gasket [3] IP31 with Top with gasket

The Maximum IP degree for the XLine Vertical 185mm Column is IP65 with single door; IP54 with double door. By selecting components belonging to IP40 list, there will be a de-rating in the IP protection degree down to IP40. IP41 is possible when keeping using the Blind Top with gasket. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30. IP31 is possible when keeping using the Blind Top with gasket.

External cable container

IP Column	Component	Without gasket	With gasket
IP40	Blind Side		✓
	Blind Rear		✓
	Blind Top	✓	
	Blind Bottom	✓	
	External Single Door	✓	
IP30	Aerated Side		✓
	Aerated Rear		✓
	Open Bottom with flanges	✓	

The Maximum IP degree for the External Cable Compartment Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

Chapter 2
Rear busbars system

2–2 **Range description**

2–4 **Selection table for solutions**

2–6 **Available configuration to install breakers**

2–8 **Quick configuration selection guide**

2–9 **Selection of the busbars type**

2–17 **Main Busbars**

2–30 **Vertical circuit breaker kits**

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2–114 **InLine**

2–130 **XLine Horizontal 50mm**

2–150 **XLine Vertical 185mm**

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2–182 **CombiLine**

2–198 **External cable compartment**

2–208 **Common Joining kits and accessories**

General information
Range description

A complete and type tested range of main distribution board solutions up to 6300A, composed by an incoming sections with ACBs up to E6.2 or MCCBs and an outgoing sections with MCCBs up to T6, fuse switch disconnectors, CombiLine system.

Main features

H (ext. with plinth): 2200mm
W (ext. w/o covers): 350, 400, 500, 600, 800, 850, 1000, 1100, 1200, 1350mm
D (ext. w/o covers): 600, 800, 1000mm
IP protection class: IP30/31 (aerated version), IP40, IP41, IP65



Compliance with Standard		IEC 61439-1/2, IEC 60439-1
Approvals		LOVAG
Vibration test		IEC 60068-2-57
Antiseismic Test Standard		IEEE Std 693
Conditions of installation		Indoor, floor mounting
Ambient temperature, average value 24h		+35 °C
Ambient temperature, maximum value		+40 °C
Ambient temperature, minimum value		-5 °C
Pollution degree		3
Protection class		I (earthed)
Rated current In		up to 6300A
Rated short-time withstand current Icw		up to 150kA
Rated peak short-circuit current Ipk		up to 330kA
Rated service voltage Ue		1000V AC
Rated insulation voltage Ui		1500V DC
Rated frequency		50-60Hz
Rated impulse withstand voltage Uimp		12kV
IP protection class		IP30, IP31, IP40, IP41, IP54, IP65
Painting	**Enclosure**	RAL 7035
	Plinth	RAL 7012
Protection against mechanical impact IEC62262	**Glazed door**	IK09
Protection against mechanical impact IEC62262	**Blind door, without door**	IK10
External dimension (see more details in overall dimensions chapter).	**Height (mm) without plinth (+100, 200 mm with plinth)**	2100
	Width (mm)	350, 400, 500, 600, 800, 850, 1000, 1100, 1200, 1350
	Depth (mm)	600, 800, 1000

Electrical features

Segregation forms

- 2a/3a, 3b, 4b

Incoming/Outgoing section

- Breaker: from Tmax T5 to Emax E6.2 In: up to 6300A
- Breaker kit Tmax T5 in vertical installation: rating 400 A
  - Blind panels
  - Segregations
  - Side-by-side configuration available
- Breaker kit Tmax T6 in vertical installation: rating 630 A, 800 A, 1000 A
  - Blind panels
  - Segregations
  - Coupler and side-by-side configurations available
- Breaker kit Tmax T7 in vertical installation: rating 800 A, 1000 A, 1250 A, 1600 A
  - Blind panels
  - Segregations
  - Coupler and side-by-side configurations available
- Breaker kit Emax E1.2 in vertical installation
  - Blind panels
  - Segregations
  - Coupler and side-by-side configurations available
- Breaker kit Emax E2.2 in vertical installation
  - Blind panels
  - Segregations
  - Coupler configuration available
- Breaker kit Emax E4.2 in vertical installation
  - Blind panels
  - Segregations
- Breaker kit Emax E6.2 in vertical installation
  - Blind panels
  - Segregations

Outgoing section

- Pluggable solution
- Breakers from Tmax XT1 to Tmax T6 (horizontal and vertical)
- SlimLine
- Fuse switch disconnector: size 00-1-2-3 of InLine II ZHBM, Jean Müller SL, Wöhner QU185, Efen E3
- Breaker kit from Tmax XT1 to Tmax T6 in vertical or horizontal installation, fixed or fixed motor operated
- Possibility to mount SlimLine 3-4 poles in the same column
- Distribution busbars: 50x10,60x10,80x10, 60x10,80x10,100x10, 100x10 (from 1000 A to 2000 A, 75 kA) 120x10 (from 1250 A to 2200 A, 100 kA)
- Connection between distribution and main busbars
- Blind panels
- Connection to the main busbars



General information
Selection table for solutions

Functional dimension W (mm)	External dimension W (mm)	Single breaker per column													
		T5		T6		T7		E1.2		E2.2		E4.2		E6.2	
		3P	4P	3P	4P	3P	4P	3P	4P	3P	4P	3P	4P	3P	4P
250	350														
300	400	✓		✓		✓		✓							
400	500	✓	✓	✓		✓		✓		✓					
500	600				✓		✓		✓		✓	✓			
700	800											✓	✓		
750	850														
900	1000													✓	
1000	1100														
1100	1200														✓
1250	1350														✓

Check the beaker execution (fixed or withdrawable).

Column with incoming /outgoing breaker Tmax T5, T6, T7, Emax E1.2, E2.2, E4.2 E6.2



Up to IP 40

External dimensions (with plinth H=100mm)

H (mm)	W (mm)	D (mm)
2200	400	600
	500	800
	600	1000
	800	
	1000	
	1200	
	1350	

InLine



Up to IP 40

External dimensions (with plinth H=100mm)

H (mm)	W (mm)	D (mm)
2200	600	600
	800	800
	1000	1000

XLine vertical



Up to IP 40

External dimensions

H (mm)	W (mm)	D (mm)
2200	600	600
	800	800
	1000	1000

Multiple breakers per column								SlimLine		Breakers			
T5	T6		T7		E1.2		InLine Vertical	XLine Horizontal	XLine Vertical	XT1-T6 for XLine horizontal	XT1-T6 for XLine vertical	CombiLine	External cable compartment
3P	3P	4P	3P	4P	3P	4P							
												✓	
													✓
													✓
✓ 2							✓		✓		✓	✓	
✓ 3	✓ 2	✓ 2	✓ 2		✓ 2		✓		✓		✓		
												✓	
✓ 3	✓ 3	✓ 2		✓ 2		✓ 2	✓	✓	✓	✓	✓		
												✓	
								✓		✓			
												✓	

XLine horizontal



IP 30

External dimensions (with plinth H=100mm)

H (mm)	W (mm)	D (mm)
XLine horizontal 185mm IP30		
2200	1000	600
	1200	800
		1000

CombiLine



Up to IP 65

External dimensions (with plinth H=100mm)

H (mm)	GU 150mm	W (mm)	PW 250mm	D (mm)
2200	13	350	1	600
		600	2	800
		850	3	1000
		1100	4	
		1350	5	

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GU = H CombiLine module, PW = W CombiLine module.
IP 44 with double door.

External cable compartment



Up to IP 40

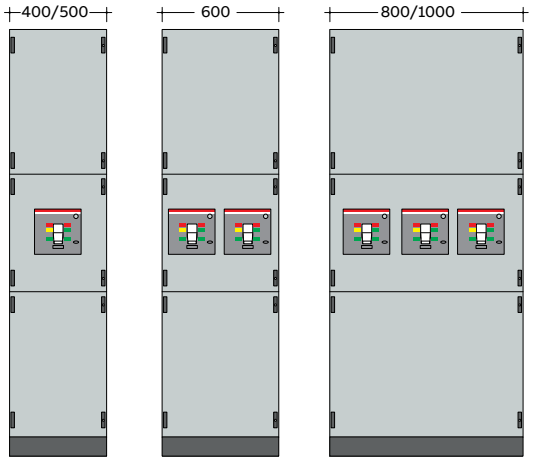
External dimensions (with plinth H=100mm)

H (mm)	W (mm)	D (mm)
2200	400	600
		800
	500	1000
	600	

General information

Available configuration to install breakers

Tmax T5

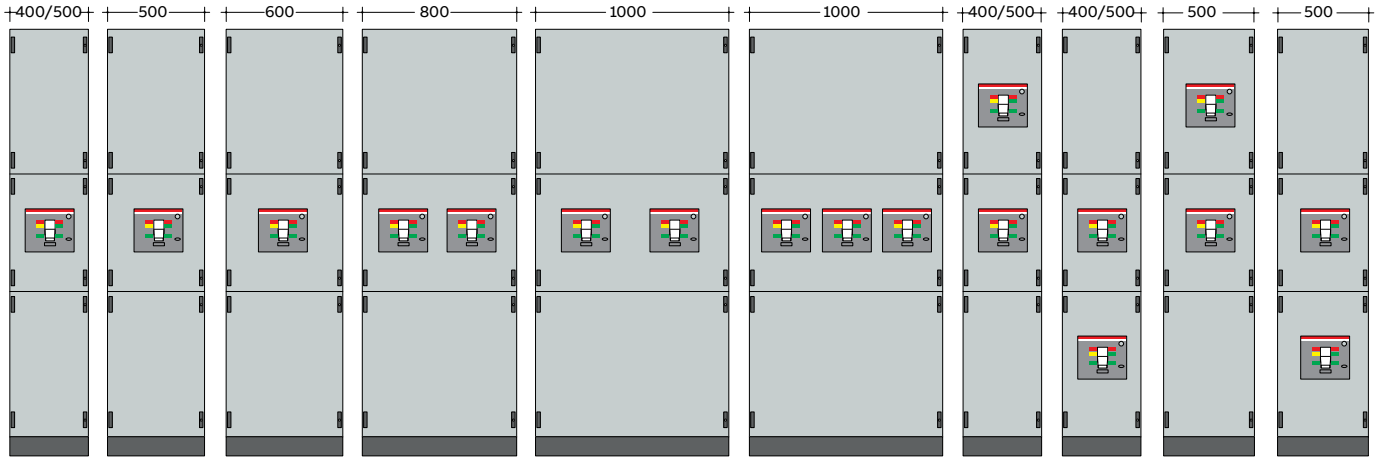


T5 F 3/4P
T5 W 3/4P

2xT5 F 3

3xT5 W 3P

Tmax T6



T6 F 3P

T6 W 3P

T6 F 4P
T6 W 4P

2x T6 F 3P
2x T6 F 4P
2x T6 W 3P

2x T6 W 4P

3x T6 F 3P

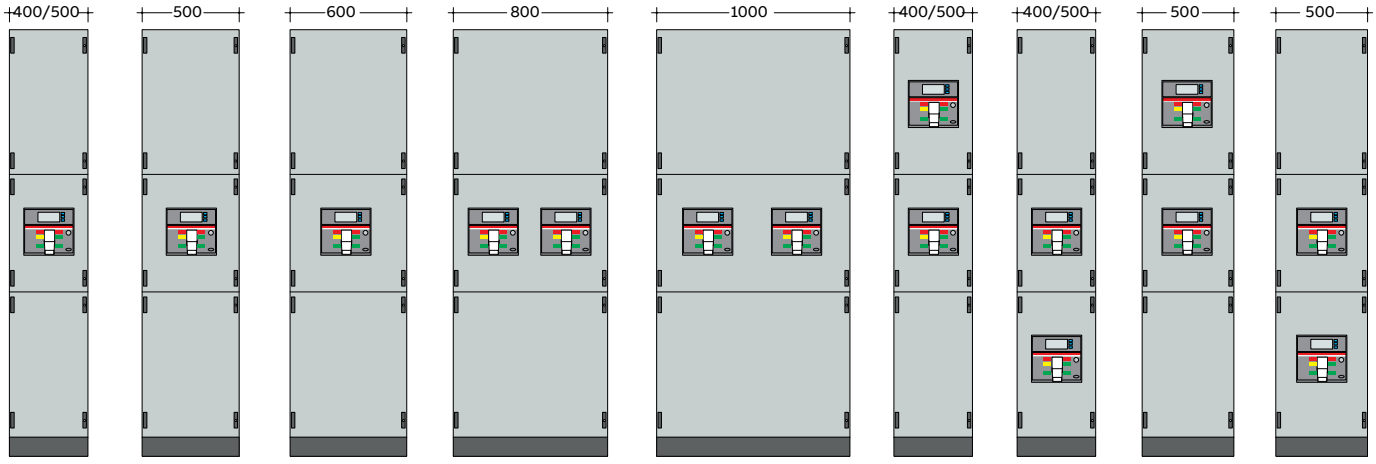
T6 F 3P

T6 F 3P

T6 W 3P

T6 W 3P

Tmax T7



T7 F 3P

T7 W 3P

T7 F 4P
T7 W 4P

2x T7 F 3P
2x T7 W 3P

2x T7 F 4P
2x T7 W 4P

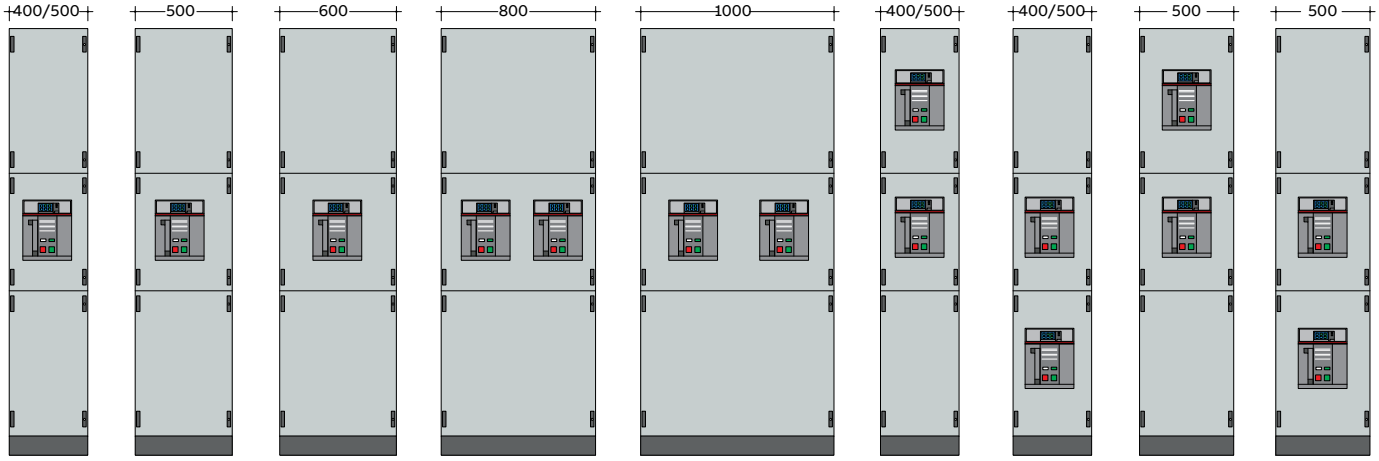
T7 F 3P

T7 F 3P

T7 W 3P

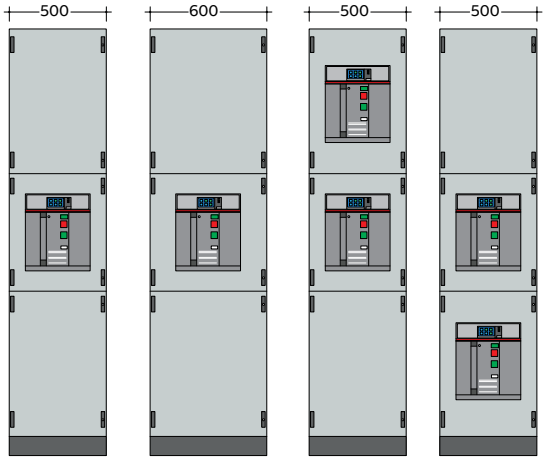
T7 W 3P

Emax E1.2



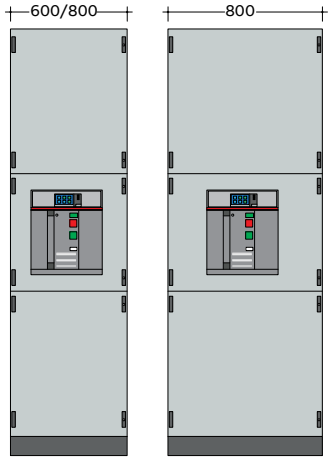
E1.2 F 3P | E1.2 W 3P | E1.2 F 4P, E1.2 W 4P | 2x E1.2 F 3P, 2x E1.2 W 3P | 2x E1.2 F 4P, 2x E1.2 W 4P | E1.2 F 3P | E1.2 F 3P | E1.2 W 3P | E1.2 W 3P

Emax E2.2



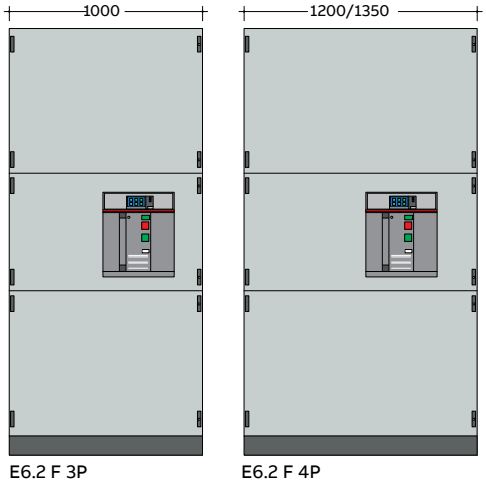
E2.2 F 3P, E2.2 W 3P | E2.2 F 4P, E2.2 W 4P | E2.2 F 3P, E2.2 W 3P | E2.2 F 3P, E2.2 W 3P

Emax E4.2



E4.2 F 3P, E4.2 W 3P | E4.2 F 4P, E4.2 W 4P

Emax E6.2



E6.2 F 3P, E6.2 W 3P | E6.2 F 4P, E6.2 W 4P

General information
Quick configuration selection guide

STEP 1
Choose your main busbar system current (In) and define the depth of the eclosure.

In (A)	Depth (mm)
In ≤ 3200 A	600
3200 A < In ≤ 4000 A	800
In > 4000 A	1000

STEP 2
Choose your busbar system and define the width of the enclosure.
Shifted busbars, easy and confortable cabling and wiring opportunity;

		SHIFTED BUSBARS	
Breaker		Fixed W (mm)	Withdrawable W (mm)
Tmax T5	3P	500	500
	4P	500	500
Tmax T6/T7	3P	500	500
Emax E1.2	4P	600	600
Emax E2.2 2000/2500A	3P	500	500
	4P	600	600
Emax E4.2 3200/4000A	3P	800	800
	4P	800	800
Emax E6.2	3P	1000	1000
	4P	1350	1350

Compact busbars, extra space saving (up to 200mm) in safety and security thanks to ABB testified busbar system. Available with extended lead-time.

		COMPACT BUSBARS	
Breaker		Fixed W (mm)	Withdrawable W (mm)
Tmax T5	3P	400	400
	4P	500	500
Tmax T6/T7	3P	400	500
Emax E1.2	4P	600	600
Emax E2.2 2000/2500A	3P	500	500
	4P	600	600
Emax E4.2 3200/4000A	3P	600	600
	4P	800	800
Emax E6.2	3P	1000	1000
	4P	1200	1200

Choose the busbar system (shifted or compact solution) according to the width and the type of the column. The system must be completed with the busbar holders.

STEP 3
Consider expanding your solution whith InLine, XLine Vertical/Horizontal, CombiLine and External cable compartment.

STEP 4
Choose the breaker kit (shifted or compact solution) for the breaker column.

STEP 5
Choose the connection kit (shifted or compact solution)

STEP 6
Complete your configuration with structure's codes (frame and external cover, segregation and other accessories).

Main busbars
Selection of the busbars type

Selecting the type of fixing of busbars and busbars holder

Two types of bar's fixing to the structure:

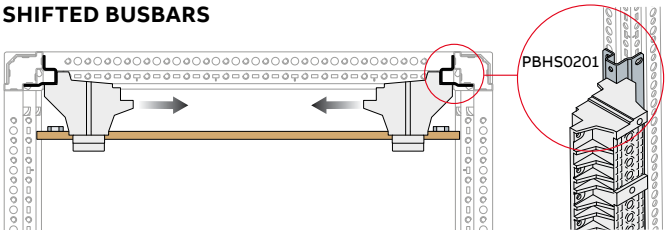
- shifted busbars, easier access to the junction zone of the main busbars with the nearby columns.

  Mounting of busbar holder on a bracket that is mounted on the structure upright.
- compact busbars, busbar holder mounting directly on the structural upright:advantage of having the columns more compact according to the type of breaker installed. Available with extended lead-time.

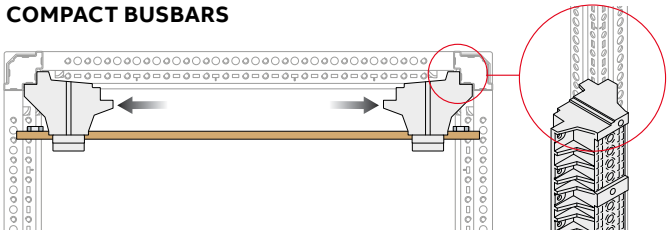
		COMPACT BUSBARS		SHIFTED BUSBARS	
Breaker		Fixed Width (mm)	Withdrawable Width (mm)	Fixed Width (mm)	Withdrawable Width (mm)
Tmax T5	3P	400	400	500	500
	4P	500	500	500	500
Tmax T6	3P	400	500	500	500
	4P	600	600	600	600
Tmax T7	3P	400	500	500	500
	4P	600	600	600	600
Emax E1.2	3P	400	500	500	500
	4P	600	600	600	600
Emax E2.2 2000A	3P	500	500	500	500
	4P	600	600	600	600

		COMPACT BUSBARS		SHIFTED BUSBARS	
Breaker		Fixed Width (mm)	Withdrawable Width (mm)	Fixed Width (mm)	Withdrawable Width (mm)
Emax E2.2 2500A	3P	500	500	500	500
	4P	600	600	600	600
Emax E4.2 3200A	3P	600	600	800	800
	4P	800	800	800	800
Emax E4.2 4000A	3P	600	600	800	800
	4P	800	800	800	800
Emax E6.2	3P	1000	1000	1000	1000
	4P	1200	1200	1350	1350

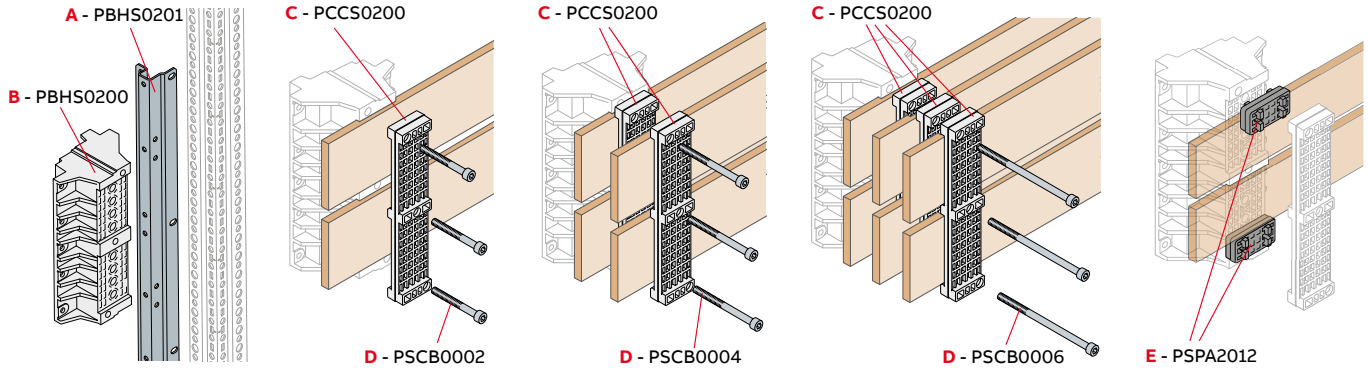
SHIFTED BUSBARS



COMPACT BUSBARS



Examples of uses



	2 busbars/phase	4 busbars/phase	6 busbars/phase	Final Note
A Support only for shifted busbars	1xPBHS0201	1xPBHS0201	1xPBHS0201	
B Busbar holders	1xPBHS0200	1xPBHS0200	1xPBHS0200	Multiply the quantities of each code for the number of the phases of the system (3 or 4 phases)
C Closing Cover	1xPCCS0200	2xPCCS0200	3xPCCS0200	
D Mounting Screws	1xPSCB0002	1xPSCB0004	1xPSCB0006	
E Spacers	… x PSPA2012*	… x PSPA2012*	… x PSPA2012*	
Busbars	See Busbars selection table			

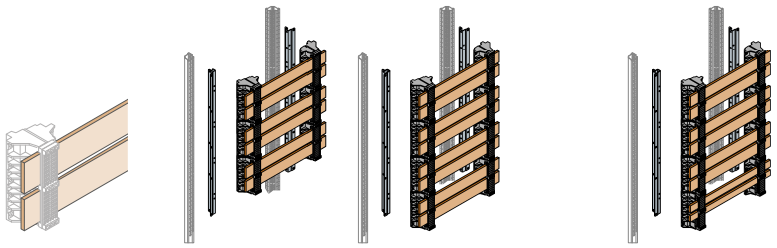
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* One package contains 12 pcs. Each piece is H=20mm. Check the empty spaces that have to be covered considering the busbar section.

Main busbars

Selection of shifted busbars type

Main shifted busbars quick selection guide



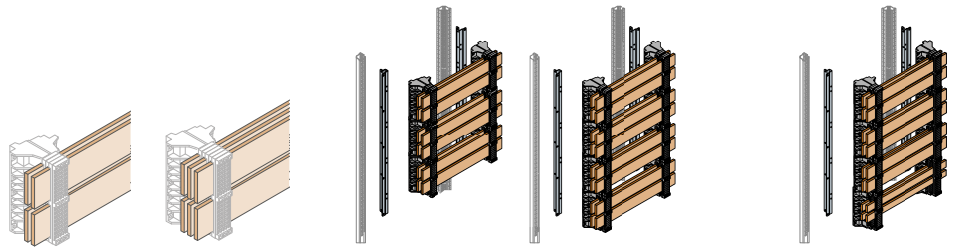
		External dimensions						
MBB rating In	**MBB Ieff**	**W (mm)**	**D (mm)**	**Cross section per phase/ N100%**	**Cross section per N50%**	**3 phases configuration**	**4 phases configuration FS**	**4 phases configuration HS**
1000A	**1500A**	**350**	**600**	2 x 20 x 10	2 x 20 x 10	3 x PCFS1035	4 x PCFS1035	4 x PCFS1035
1250A		**400**	**600**			3 x PCFS1040	4 x PCFS1040	4 x PCFS1040
		500	**600**			3 x PCFS1050	4 x PCFS1050	4 x PCFS1050
		600	**600**			3 x PCFS1060	4 x PCFS1060	4 x PCFS1060
		800	**600**			3 x PCFS1080	4 x PCFS1080	4 x PCFS1080
		850	**600**			3 x PCFS1085	4 x PCFS1085	4 x PCFS1085
		1000	**600**			3 x PCFS1010	4 x PCFS1010	4 x PCFS1010
		1100	**600**			3 x PCFS1011	4 x PCFS1011	4 x PCFS1011
		1200	**600**			3 x PCFS1012	4 x PCFS1012	4 x PCFS1012
		1350	**600**			3 x PCFS1013	4 x PCFS1013	4 x PCFS1013
1600A	**1600A**	**350**	**600**	2 x 40 x 10	2 x 20 x 10	3 x PCFS1635	4 x PCFS1635	3 x PCFS1635 + 1 x PCFS1035
		400	**600**			3 x PCFS1640	4 x PCFS1640	3 x PCFS1640 + 1 x PCFS1040
		500	**600**			3 x PCFS1650	4 x PCFS1650	3 x PCFS1650 + 1 x PCFS1050
		600	**600**			3 x PCFS1660	4 x PCFS1660	3 x PCFS1660 + 1 x PCFS1060
		800	**600**			3 x PCFS1680	4 x PCFS1680	3 x PCFS1680 + 1 x PCFS1080
		850	**600**			3 x PCFS1685	4 x PCFS1685	3 x PCFS1685 + 1 x PCFS1085
		1000	**600**			3 x PCFS1610	4 x PCFS1610	3 x PCFS1610 + 1 x PCFS1010
		1100	**600**			3 x PCFS1611	4 x PCFS1611	3 x PCFS1611 + 1 x PCFS1011
		1200	**600**			3 x PCFS1612	4 x PCFS1612	3 x PCFS1612 + 1 x PCFS1012
		1350	**600**			3 x PCFS1613	4 x PCFS1613	3 x PCFS1613 + 1 x PCFS1013
2000A	**2400A**	**350**	**600**	2 x 60 x 10	2 x 30 x 10	3 x PCFS2035	4 x PCFS2035	3 x PCFS2035 + 1 x PCFS1235
		400	**600**			3 x PCFS2040	4 x PCFS2040	3 x PCFS2040 + 1 x PCFS1240
		500	**600**			3 x PCFS2050	4 x PCFS2050	3 x PCFS2050 + 1 x PCFS1250
		600	**600**			3 x PCFS2060	4 x PCFS2060	3 x PCFS2060 + 1 x PCFS1260
		800	**600**			3 x PCFS2080	4 x PCFS2080	3 x PCFS2080 + 1 x PCFS1280
		850	**600**			3 x PCFS2085	4 x PCFS2085	3 x PCFS2085 + 1 x PCFS1285
		1000	**600**			3 x PCFS2010	4 x PCFS2010	3 x PCFS2010 + 1 x PCFS1210
		1100	**600**			3 x PCFS2011	4 x PCFS2011	3 x PCFS2011 + 1 x PCFS1211
		1200	**600**			3 x PCFS2012	4 x PCFS2012	3 x PCFS2012 + 1 x PCFS1212
		1350	**600**			3 x PCFS2013	4 x PCFS2013	3 x PCFS2013 + 1 x PCFS1213
2500A	**2500A**	**350**	**600**	2 x 80 x 10	2 x 40 x10	3 x PCFS2535	4 x PCFS2535	3 x PCFS2535 + 1 x PCFS1635
		400	**600**			3 x PCFS2540	4 x PCFS2540	3 x PCFS2540 + 1 x PCFS1640
		500	**600**			3 x PCFS2550	4 x PCFS2550	3 x PCFS2550 + 1 x PCFS1650
		600	**600**			3 x PCFS2560	4 x PCFS2560	3 x PCFS2560 + 1 x PCFS1660
		800	**600**			3 x PCFS2580	4 x PCFS2580	3 x PCFS2580 + 1 x PCFS1680
		850	**600**			3 x PCFS2585	4 x PCFS2585	3 x PCFS2585 + 1 x PCFS1685
		1000	**600**			3 x PCFS2510	4 x PCFS2510	3 x PCFS2510 + 1 x PCFS1610
		1100	**600**			3 x PCFS2511	4 x PCFS2511	3 x PCFS2511 + 1 x PCFS1611
		1200	**600**			3 x PCFS2512	4 x PCFS2512	3 x PCFS2512 + 1 x PCFS1612
		1350	**600**			3 x PCFS2513	4 x PCFS2513	3 x PCFS2513 + 1 x PCFS1613

CONTINUES

Main busbars

Selection of shifted busbars type

Main shifted busbars quick selection guide

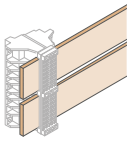
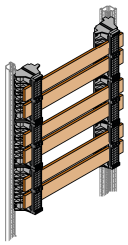
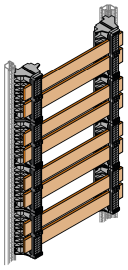
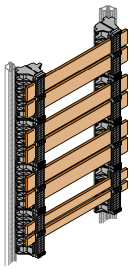


		External dimensions						
MBB rating In	MBB Ieff	W (mm)	D (mm)	Cross section per phase/ N100%	Cross section per N50%	3 phases configuration	4 phases configuration FS	4 phases configuration HS
3200A	3200A	350	600	4x40x10	2x40x10	3 x PCFS3235	4 x PCFS3235	3 x PCFS3235 + 1 x PCFS1635
		400	600			3 x PCFS3240	4 x PCFS3240	3 x PCFS3240 + 1 x PCFS1640
		500	600			3 x PCFS3250	4 x PCFS3250	3 x PCFS3250 + 1 x PCFS1650
		600	600			3 x PCFS3260	4 x PCFS3260	3 x PCFS3260 + 1 x PCFS1660
		800	600			3 x PCFS3280	4 x PCFS3280	3 x PCFS3280 + 1 x PCFS1680
		850	600			3 x PCFS3285	4 x PCFS3285	3 x PCFS3285 + 1 x PCFS1685
		1000	600			3 x PCFS3210	4 x PCFS3210	3 x PCFS3210 + 1 x PCFS1610
		1100	600			3 x PCFS3211	4 x PCFS3211	3 x PCFS3211 + 1 x PCFS1611
		1200	600			3 x PCFS3212	4 x PCFS3212	3 x PCFS3212 + 1 x PCFS1612
		1350	600			3 x PCFS3213	4 x PCFS3213	3 x PCFS3213 + 1 x PCFS1613
4000A	3600A	350	800	4x60x10	2x60x10	3 x PCFS4035	4 x PCFS4035	3 x PCFS4035 + 1 x PCFS2035
		400	800			3 x PCFS4040	4 x PCFS4040	3 x PCFS4040 + 1 x PCFS2040
		500	800			3 x PCFS4050	4 x PCFS4050	3 x PCFS4050 + 1 x PCFS2050
		600	800			3 x PCFS4060	4 x PCFS4060	3 x PCFS4060 + 1 x PCFS2060
		800	800			3 x PCFS4080	4 x PCFS4080	3 x PCFS4080 + 1 x PCFS2080
		850	800			3 x PCFS4085	4 x PCFS4085	3 x PCFS4085 + 1 x PCFS2085
		1000	800			3 x PCFS4010	4 x PCFS4010	3 x PCFS4010 + 1 x PCFS2010
		1100	800			3 x PCFS4011	4 x PCFS4011	3 x PCFS4011 + 1 x PCFS2011
		1200	800			3 x PCFS4012	4 x PCFS4012	3 x PCFS4012 + 1 x PCFS2012
		1350	800			3 x PCFS4013	4 x PCFS4013	3 x PCFS4013 + 1 x PCFS2013
5000A	5500A	350	1000	6x60x10	4x60x10	3 x PCFS5035	4 x PCFS2035	3 x PCFS5035 + 1 x PCFS4035
		400	1000			3 x PCFS5040	4 x PCFS2040	3 x PCFS5040 + 1 x PCFS4040
		500	1000			3 x PCFS5050	4 x PCFS2050	3 x PCFS5050 + 1 x PCFS4050
		600	1000			3 x PCFS5060	4 x PCFS2060	3 x PCFS5060 + 1 x PCFS4060
		800	1000			3 x PCFS5080	4 x PCFS2080	3 x PCFS5080 + 1 x PCFS4080
		850	1000			3 x PCFS5085	4 x PCFS2085	3 x PCFS5085 + 1 x PCFS4085
		1000	1000			3 x PCFS5010	4 x PCFS2010	3 x PCFS5010 + 1 x PCFS4010
		1100	1000			3 x PCFS5011	4 x PCFS2011	3 x PCFS5011 + 1 x PCFS4011
		1200	1000			3 x PCFS5012	4 x PCFS2012	3 x PCFS5012 + 1 x PCFS4012
		1350	1000			3 x PCFS5013	4 x PCFS2013	3 x PCFS5013 + 1 x PCFS4013
6300A	5700A	350	1000	6x80x10	4x80x10	3 x PCFS6335	4 x PCFS6335	3 x PCFS6335 + 1 x PCFH6335
		400	1000			3 x PCFS6340	4 x PCFS6340	3 x PCFS6340 + 1 x PCFH6340
		500	1000			3 x PCFS6350	4 x PCFS6350	3 x PCFS6350 + 1 x PCFH6350
		600	1000			3 x PCFS6360	4 x PCFS6360	3 x PCFS6360 + 1 x PCFH6360
		800	1000			3 x PCFS6380	4 x PCFS6380	3 x PCFS6380 + 1 x PCFH6380
		850	1000			3 x PCFS6385	4 x PCFS6385	3 x PCFS6385 + 1 x PCFH6385
		1000	1000			3 x PCFS6310	4 x PCFS6310	3 x PCFS6310 + 1 x PCFH6310
		1100	1000			3 x PCFS6311	4 x PCFS6311	3 x PCFS6311 + 1 x PCFH6311
		1200	1000			3 x PCFS6312	4 x PCFS6312	3 x PCFS6312 + 1 x PCFH6312
		1350	1000			3 x PCFS6313	4 x PCFS6313	3 x PCFS6313 + 1 x PCFH6313

Main busbars

Selection of compact busbars type

Main compact busbars quick selection guide

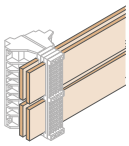
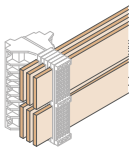
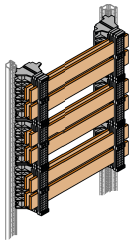
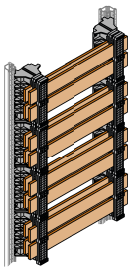
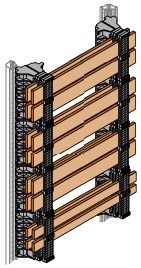
		External dimensions						
MBB rating In	**MBB Ieff**	**W (mm)**	**D (mm)**	**Cross section per phase/ N100%**	**Cross section per N50%**	**3 phases configuration**	**4 phases configuration FS**	**4 phases configuration HS**
1000A	**1500A**	**350**	**600**	2 x 20 x 10	2 x 20 x 10	3 x PCFB1035	4 x PCFB1035	4 x PCFB1035
1250A		**400**	**600**			3 x PCFB1040	4 x PCFB1040	4 x PCFB1040
		500	**600**			3 x PCFB1050	4 x PCFB1050	4 x PCFB1050
		600	**600**			3 x PCFB1060	4 x PCFB1060	4 x PCFB1060
		800	**600**			3 x PCFB1080	4 x PCFB1080	4 x PCFB1080
		850	**600**			3 x PCFB1085	4 x PCFB1085	4 x PCFB1085
		1000	**600**			3 x PCFB1010	4 x PCFB1010	4 x PCFB1010
		1100	**600**			3 x PCFB1011	4 x PCFB1011	4 x PCFB1011
		1200	**600**			3 x PCFB1012	4 x PCFB1012	4 x PCFB1012
		1350	**600**			3 x PCFB1013	4 x PCFB1013	4 x PCFB1013
1600A	**1600A**	**350**	**600**	2 x 40 x 10	2 x 20 x 10	3 x PCFB1635	4 x PCFB1635	3 x PCFB1635 + 1 x PCFB1035
		400	**600**			3 x PCFB1640	4 x PCFB1640	3 x PCFB1640 + 1 x PCFB1040
		500	**600**			3 x PCFB1650	4 x PCFB1650	3 x PCFB1650 + 1 x PCFB1050
		600	**600**			3 x PCFB1660	4 x PCFB1660	3 x PCFB1660 + 1 x PCFB1060
		800	**600**			3 x PCFB1680	4 x PCFB1680	3 x PCFB1680 + 1 x PCFB1080
		850	**600**			3 x PCFB1685	4 x PCFB1685	3 x PCFB1685 + 1 x PCFB1085
		1000	**600**			3 x PCFB1610	4 x PCFB1610	3 x PCFB1610 + 1 x PCFB1010
		1100	**600**			3 x PCFB1611	4 x PCFB1611	3 x PCFB1611 + 1 x PCFB1011
		1200	**600**			3 x PCFB1612	4 x PCFB1612	3 x PCFB1612 + 1 x PCFB1012
		1350	**600**			3 x PCFB1613	4 x PCFB1613	3 x PCFB1613 + 1 x PCFB1013
2000A	**2400A**	**350**	**600**	2 x 60 x 10	2 x 30 x 10	3 x PCFB2035	4 x PCFB2035	3 x PCFB2035 + 1 x PCFB1235
		400	**600**			3 x PCFB2040	4 x PCFB2040	3 x PCFB2040 + 1 x PCFB1240
		500	**600**			3 x PCFB2050	4 x PCFB2050	3 x PCFB2050 + 1 x PCFB1250
		600	**600**			3 x PCFB2060	4 x PCFB2060	3 x PCFB2060 + 1 x PCFB1260
		800	**600**			3 x PCFB2080	4 x PCFB2080	3 x PCFB2080 + 1 x PCFB1280
		850	**600**			3 x PCFB2085	4 x PCFB2085	3 x PCFB2085 + 1 x PCFB1285
		1000	**600**			3 x PCFB2010	4 x PCFB2010	3 x PCFB2010 + 1 x PCFB1210
		1100	**600**			3 x PCFB2011	4 x PCFB2011	3 x PCFB2011 + 1 x PCFB1211
		1200	**600**			3 x PCFB2012	4 x PCFB2012	3 x PCFB2012 + 1 x PCFB1212
		1350	**600**			3 x PCFB2013	4 x PCFB2013	3 x PCFB2013 + 1 x PCFB1213
2500A	**2500A**	**350**	**600**	2 x 80 x 10	2 x 40 x10	3 x PCFB2535	4 x PCFB2535	3 x PCFB2535 + 1 x PCFB1635
		400	**600**			3 x PCFB2540	4 x PCFB2540	3 x PCFB2540 + 1 x PCFB1640
		500	**600**			3 x PCFB2550	4 x PCFB2550	3 x PCFB2550 + 1 x PCFB1650
		600	**600**			3 x PCFB2560	4 x PCFB2560	3 x PCFB2560 + 1 x PCFB1660
		800	**600**			3 x PCFB2580	4 x PCFB2580	3 x PCFB2580 + 1 x PCFB1680
		850	**600**			3 x PCFB2585	4 x PCFB2585	3 x PCFB2585 + 1 x PCFB1685
		1000	**600**			3 x PCFB2510	4 x PCFB2510	3 x PCFB2510 + 1 x PCFB1610
		1100	**600**			3 x PCFB2511	4 x PCFB2511	3 x PCFB2511 + 1 x PCFB1611
		1200	**600**			3 x PCFB2512	4 x PCFB2512	3 x PCFB2512 + 1 x PCFB1612
		1350	**600**			3 x PCFB2513	4 x PCFB2513	3 x PCFB2513 + 1 x PCFB1613

CONTINUES

Main busbars

Selection of compact busbars type

Main compact busbars quick selection guide

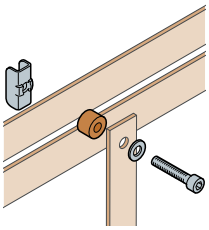
		External dimensions						
MBB rating In	**MBB Ieff**	**W (mm)**	**D (mm)**	**Cross section per phase/ N100%**	**Cross section per N50%**	**3 phases configuration**	**4 phases configuration FS**	**4 phases configuration HS**
3200A	**3200A**	**350**	**600**	4 x 40 x 10mm	2 x 40 x 10mm	3 x PCFB3235	4 x PCFB3235	3 x PCFB3235 + 1 x PCFB1635
		400	**600**			3 x PCFB3240	4 x PCFB3240	3 x PCFB3240 + 1 x PCFB1640
		500	**600**			3 x PCFB3250	4 x PCFB3250	3 x PCFB3250 + 1 x PCFB1650
		600	**600**			3 x PCFB3260	4 x PCFB3260	3 x PCFB3260 + 1 x PCFB1660
		800	**600**			3 x PCFB3280	4 x PCFB3280	3 x PCFB3280 + 1 x PCFB1680
		850	**600**			3 x PCFB3285	4 x PCFB3285	3 x PCFB3285 + 1 x PCFB1685
		1000	**600**			3 x PCFB3210	4 x PCFB3210	3 x PCFB3210 + 1 x PCFB1610
		1100	**600**			3 x PCFB3211	4 x PCFB3211	3 x PCFB3211 + 1 x PCFB1611
		1200	**600**			3 x PCFB3212	4 x PCFB3212	3 x PCFB3212 + 1 x PCFB1612
		1350	**600**			3 x PCFB3213	4 x PCFB3213	3 x PCFB3213 + 1 x PCFB1613
4000A	**3600A**	**350**	**800**	4 x 60 x 10mm	2 x 60 x 10mm	3 x PCFB4035	4 x PCFB4035	3 x PCFB4035 + 1 x PCFB2035
		400	**800**			3 x PCFB4040	4 x PCFB4040	3 x PCFB4040 + 1 x PCFB2040
		500	**800**			3 x PCFB4050	4 x PCFB4050	3 x PCFB4050 + 1 x PCFB2050
		600	**800**			3 x PCFB4060	4 x PCFB4060	3 x PCFB4060 + 1 x PCFB2060
		800	**800**			3 x PCFB4080	4 x PCFB4080	3 x PCFB4080 + 1 x PCFB2080
		850	**800**			3 x PCFB4085	4 x PCFB4085	3 x PCFB4085 + 1 x PCFB2085
		1000	**800**			3 x PCFB4010	4 x PCFB4010	3 x PCFB4010 + 1 x PCFB2010
		1100	**800**			3 x PCFB4011	4 x PCFB4011	3 x PCFB4011 + 1 x PCFB2011
		1200	**800**			3 x PCFB4012	4 x PCFB4012	3 x PCFB4012 + 1 x PCFB2012
		1350	**800**			3 x PCFB4013	4 x PCFB4013	3 x PCFB4013 + 1 x PCFB2013
5000A	**5500A**	**350**	**1000**	6 x 60 x 10mm	4 x 60 x 10mm	3 x PCFB5035	4 x PCFB2035	3 x PCFB5035 + 1 x PCFB4035
		400	**1000**			3 x PCFB5040	4 x PCFB2040	3 x PCFB5040 + 1 x PCFB4040
		500	**1000**			3 x PCFB5050	4 x PCFB2050	3 x PCFB5050 + 1 x PCFB4050
		600	**1000**			3 x PCFB5060	4 x PCFB2060	3 x PCFB5060 + 1 x PCFB4060
		800	**1000**			3 x PCFB5080	4 x PCFB2080	3 x PCFB5080 + 1 x PCFB4080
		850	**1000**			3 x PCFB5085	4 x PCFB2085	3 x PCFB5085 + 1 x PCFB4085
		1000	**1000**			3 x PCFB5010	4 x PCFB2010	3 x PCFB5010 + 1 x PCFB4010
		1100	**1000**			3 x PCFB5011	4 x PCFB2011	3 x PCFB5011 + 1 x PCFB4011
		1200	**1000**			3 x PCFB5012	4 x PCFB2012	3 x PCFB5012 + 1 x PCFB4012
		1350	**1000**			3 x PCFB5013	4 x PCFB2013	3 x PCFB5013 + 1 x PCFB4013
6300A	**5700A**	**350**	**1000**	6 x 80 x 10mm	4 x 80 x 10mm	3 x PCFB6335	4 x PCFB6335	3 x PCFB6335 + 1 x PCFH6335
		400	**1000**			3 x PCFB6340	4 x PCFB6340	3 x PCFB6340 + 1 x PCFH6340
		500	**1000**			3 x PCFB6350	4 x PCFB6350	3 x PCFB6350 + 1 x PCFH6350
		600	**1000**			3 x PCFB6360	4 x PCFB6360	3 x PCFB6360 + 1 x PCFH6360
		800	**1000**			3 x PCFB6380	4 x PCFB6380	3 x PCFB6380 + 1 x PCFH6380
		850	**1000**			3 x PCFB6385	4 x PCFB6385	3 x PCFB6385 + 1 x PCFH6385
		1000	**1000**			3 x PCFB6310	4 x PCFB6310	3 x PCFB6310 + 1 x PCFH6310
		1100	**1000**			3 x PCFB6311	4 x PCFB6311	3 x PCFB6311 + 1 x PCFH6311
		1200	**1000**			3 x PCFB6312	4 x PCFB6312	3 x PCFB6312 + 1 x PCFH6312
		1350	**1000**			3 x PCFB6313	4 x PCFB6313	3 x PCFB6313 + 1 x PCFH6313

Main busbars

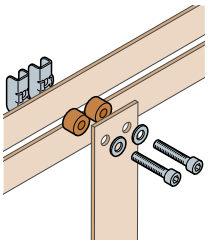
Selection of busbars type

Bars fixing kit-selection table
This kit contains cylinders, screws and closing elements to be selected according to the below table and the braker type, rating and culumn depth.
For current ≥ 3200A it is necessary to complete the configuration with copper compensators PCMP.... page 2-22.

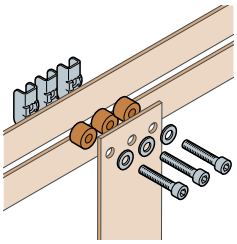
Busbar connections section ≤60mm



Busbar connections section ≤80mm



Busbar connections section ≤100mm



Circit-breaker	In (A)	Section busbars
Tmax T5	400A	1x 30X5
Tmax T6	630A	1x 30X10
	800A	1x 40X10
	1000A	1x 50X10
Tmax T7 Emax E1.2	800/1000A	1x 50X10
	1250/1600A	2x 50X10

Circit-breaker	In (A)	Section busbars
Emax E2.2	1600/2000A	2x 60X10
	2500A	3x 60X10
Emax E4.2	2500A	2x 100X10
	3200A	4x 80X10
	4000A	5x 80X10
Emax E6.2	4000A	5x 80X10
	5000A	6x 80X10
	6300A	7x 100X10

MBB (A)	No. of poles	Depth (mm)	Bars fixing kit Tmax T5-T6	Bars fixing kit Tmax T5-T6 side by side
1000A/2500A	3	600/800	PCCS01X3	2 x PCCS01X3
		1000	PCCS03X3	2 x PCCS03X3
	4	600/800	PCCS02X4	2 x PCCS02X4
		1000	PCCS04X4	2 x PCCS04X4
3200A/4000A*	3	600/800	PCCS01X3	2 x PCCS01X3
		1000	PCCS05X3	2 x PCCS05X3
	4	600/800	PCCS02X4	2 x PCCS02X4
		1000	PCCS06X4	2 x PCCS06X4
5000A/6300A	3	1000	PCCS07X3	2 x PCCS07X3
	4	1000	PCCS08X4	2 x PCCS08X4

* For 4000A only D=800 mm and D=1000 mm

MBB (A)	No. of poles	Depth (mm)	Bars fixing kit Tmax T7-Emax E1.2	Bars fixing kit Tmax T7-Emax E1.2 side by side
1000A/2500A	3	600/800	PCCS01X3	2 x PCCS01X3
		1000	PCCS03X3	2 x PCCS03X3
	4	600/800	PCCS02X4	2 x PCCS02X4
		1000	PCCS04X4	2 x PCCS04X4
3200A/4000A*	3	600/800	PCCS01X3 (1)	2 x PCCS01X3 (1)
			PCCS09X3 (2)	2 x PCCS09X3 (2)
		1000	PCCS05X3	2 x PCCS05X3
	4	600/800	PCCS02X4 (1)	2 x PCCS02X4 (1)
			PCCS10X4 (2)	2 x PCCS10X4 (2)
		1000	PCCS06X4	2 x PCCS06X4
5000A/6300A	3	1000	PCCS07X3	2 x PCCS07X3
	4	1000	PCCS08X4	2 x PCCS08X4

* For 4000A only D=800 mm and D=1000 mm (1) breaker rating: 800A/1000A (2) breaker rating: 1250A/1600A

Main busbars

Selection of busbars type

MBB (A)	No. of poles	Depth (mm)	Bars fixing kit Emax 2.2	Bars fixing kit Emax 2.2 side by side
1000A/2500A	3	600/800	PCCS01X3 (3)	2 x PCCS01X3 (3)
			PCCS09X3 (4)	2 x PCCS09X3 (4)
		1000	PCCS05X3	2 x PCCS05X3
	4	600/800	PCCS02X4 (3)	2 x PCCS02X4 (3)
			PCCS10X4 (4)	2 x PCCS10X4 (4)
		1000	PCCS06X4	2 x PCCS06X4
3200A/4000A*	3	600/800	PCCS09X3 (3)	2 x PCCS09X3 (3)
			PCCS11X3 (4)	2 x PCCS11X3 (4)
		1000	PCCS05X3 (3)	2 x PCCS05X3 (3)
			PCCS07X3 (4)	2 x PCCS07X3 (4)
	4	600/800	PCCS10X4 (3)	2 x PCCS10X4 (3)
			PCCS12X4 (4)	2 x PCCS12X4 (4)
		1000	PCCS06X4 (3)	2 x PCCS06X4 (3)
			PCCS08X4 (4)	2 x PCCS08X4 (4)
5000A/6300A	3	1000	PCCS07X3 (3)	2 x PCCS07X3 (3)
			PCCS15X3 (4)	2 x PCCS15X3 (4)
	4		PCCS08X4 (3)	2 x PCCS08X4 (3)
			PCCS16X4 (4)	2 x PCCS16X4 (4)

* For 4000A only D=800 mm and D=1000 mm (3) breaker rating: 1600A/2000A (4) breaker rating: 2500A

MBB (A)	No. of poles	Depth (mm)	Bars fixing kit Emax E4.2
2500A	3	600/800	3 x PCCS01X3
		1000	3 x PCCS05X3
	4	600/800	3 x PCCS02X4
		1000	3 x PCCS06X4
3200A	3	600/800	3 x PCCS09X3 (4)
			2 x PCCS11X3 (5)
		1000	3 x PCCS05X3 (4)
			2 x PCCS15X3 (5)
	4	600/800	3 x PCCS10X4 (4)
			2 x PCCS12X4 (5)
		1000	3 x PCCS06X4 (4)
			2 x PCCS16X4 (5)
4000A	3	800	3 x PCCS09X3 (4)
			2 x PCCS11X3 (5)
			2 x PCCS13X3 (6)
		1000	3 x PCCS05X3 (4)
			2 x PCCS15X3 (7)
	4	800	3 x PCCS10X4 (4)
			2 x PCCS12X4 (5)
			2 x PCCS14X4 (6)
		1000	3 x PCCS06X4 (4)
			2 x PCCS16X4 (7)
5000A/6300A	3	1000	3 x PCCS07X3 (4)
			2 x PCCS17X3 (7)
	4		3 x PCCS08X4 (4)
			2 x PCCS18X4 (7)

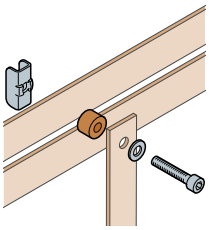
(4) breaker rating: 2500A (5) breaker rating: 3200A (6) breaker rating: 4000A (7) breaker rating: 3200A/4000A

Main busbars

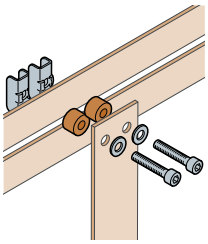
Selection of busbars type

Bars fixing kit-selection table
This kit contains cylinders, screws and closing elements to be selected according to the below table and the braker type, rating and culumn depth.
For current ≥ 3200A it is necessary to complete the configuration with copper compensators PCMP.... page 2-22.

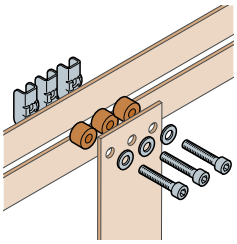
Busbar connections section ≤60mm



Busbar connections section ≤80mm



Busbar connections section ≤100mm



Circit-breaker	In (A)	Section busbars
Tmax T5	400A	1x 30X5
Tmax T6	630A	1x 30X10
	800A	1x 40X10
	1000A	1x 50X10
Tmax T7 Emax E1.2	800/1000A	1x 50X10
	1250/1600A	2x 50X10

Circit-breaker	In (A)	Section busbars
Emax E2.2	1600/2000A	2x 60X10
	2500A	3x 60X10
Emax E4.2	2500A	2x 100X10
	3200A	4x 80X10
	4000A	5x 80X10
Emax E6.2	4000A	5x 80X10
	5000A	6x 80X10
	6300A	7x 100X10

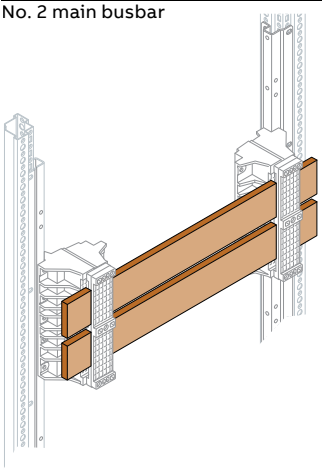
MBB (A)	No. of poles	Depth (mm)	Bars fixing kit Emax E6.2
4000A	3	800	4 x PCCS11X3
		1000	4 x PCCS07X3
	4	800	4 x PCCS12X4
		1000	4 x PCCS08X4
5000A	3	1000	4 x PCCS15X3
	4		4 x PCCS16X4
6300A	3	1000	4 x PCCS15X3 [8]
			6 x PCCS17X3 [9]
	4		4 x PCCS16X4 [8]
			6 x PCCS18X4 [9]

[8] breaker rating: 4000A/5000A [9] breaker rating: 6300A

Main busbars
Order codes

Main shifted flat busbars

Each code contains 2 pieces of work-hardened CU-ETP (Electrolytic Tough Pitch) busbars according to UNI EN 13601.

Description	Column External dimensions W (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
No. 2 main busbar 	**MBB rating In 1000/1250 A - Neutral 100% or 50%**					
	350	PCFS1035	1STQ004510B0000	PCFS1035A	1STQ001691M0000	1/2
	400	PCFS1040	1STQ004511B0000	PCFS1040A	1STQ001692M0000	1/2
	500	PCFS1050	1STQ004512B0000	PCFS1050A	1STQ001693M0000	1/2
	600	PCFS1060	1STQ004513B0000	PCFS1060A	1STQ001694M0000	1/2
	800	PCFS1080	1STQ004514B0000	PCFS1080A	1STQ001695M0000	1/2
	850	PCFS1085	1STQ004515B0000	PCFS1085A	1STQ001696M0000	1/2
	1000	PCFS1010	1STQ004516B0000	PCFS1010A	1STQ001687M0000	1/2
	1100	PCFS1011	1STQ004517B0000	PCFS1011A	1STQ001688M0000	1/2
	1200	PCFS1012	1STQ004518B0000	PCFS1012A	1STQ001689M0000	1/2
	1350	PCFS1013	1STQ004519B0000	PCFS1013A	1STQ001690M0000	1/2
	MBB rating In 1600 A - Neutral 100% or 50%					
	350	PCFS1635	1STQ004530B0000	PCFS1635A	1STQ001711M0000	1/2
	400	PCFS1640	1STQ004531B0000	PCFS1640A	1STQ001712M0000	1/2
	500	PCFS1650	1STQ004532B0000	PCFS1650A	1STQ001713M0000	1/2
	600	PCFS1660	1STQ004533B0000	PCFS1660A	1STQ001714M0000	1/2
	800	PCFS1680	1STQ004534B0000	PCFS1680A	1STQ001715M0000	1/2
	850	PCFS1685	1STQ004535B0000	PCFS1685A	1STQ001716M0000	1/2
	1000	PCFS1610	1STQ004536B0000	PCFS1610A	1STQ001707M0000	1/2
	1100	PCFS1611	1STQ004537B0000	PCFS1611A	1STQ001708M0000	1/2
	1200	PCFS1612	1STQ004538B0000	PCFS1612A	1STQ001709M0000	1/2
	1350	PCFS1613	1STQ004539B0000	PCFS1613A	1STQ001710M0000	1/2
	MBB rating In 2000 A - Neutral 100% or 50%					
	350	PCFS2035	1STQ004540B0000	PCFS2035A	1STQ001721M0000	1/2
	400	PCFS2040	1STQ004541B0000	PCFS2040A	1STQ001722M0000	1/2
	500	PCFS2050	1STQ004542B0000	PCFS2050A	1STQ001723M0000	1/2
	600	PCFS2060	1STQ004543B0000	PCFS2060A	1STQ001724M0000	1/2
	800	PCFS2080	1STQ004544B0000	PCFS2080A	1STQ001725M0000	1/2
	850	PCFS2085	1STQ004545B0000	PCFS2085A	1STQ001726M0000	1/2
	1000	PCFS2010	1STQ004546B0000	PCFS2010A	1STQ001717M0000	1/2
	1100	PCFS2011	1STQ004547B0000	PCFS2011A	1STQ001718M0000	1/2
	1200	PCFS2012	1STQ004548B0000	PCFS2012A	1STQ001719M0000	1/2
	1350	PCFS2013	1STQ004549B0000	PCFS2013A	1STQ001720M0000	1/2
	MBB rating In 2000 A - Neutral 50%					
	350	PCFS1235	1STQ004520B0000	PCFS1235A	1STQ001701M0000	1/2
	400	PCFS1240	1STQ004521B0000	PCFS1240A	1STQ001702M0000	1/2
	500	PCFS1251	1STQ004522B0000	PCFS1251A	1STQ001703M0000	1/2
	600	PCFS1260	1STQ004523B0000	PCFS1260A	1STQ001704M0000	1/2
	800	PCFS1280	1STQ004524B0000	PCFS1280A	1STQ001705M0000	1/2
	850	PCFS1285	1STQ004525B0000	PCFS1285A	1STQ001706M0000	1/2
	1000	PCFS1210	1STQ004526B0000	PCFS1210A	1STQ001697M0000	1/2
	1100	PCFS1211	1STQ004527B0000	PCFS1211A	1STQ001698M0000	1/2
	1200	PCFS1212	1STQ004528B0000	PCFS1212A	1STQ001699M0000	1/2
	1350	PCFS1213	1STQ004529B0000	PCFS1213A	1STQ001700M0000	1/2
	MBB rating In 2500 A - Neutral 100% or 50%					
	350	PCFS2535	1STQ004550B0000	PCFS2535A	1STQ001731M0000	1/2
	400	PCFS2540	1STQ004551B0000	PCFS2540A	1STQ001732M0000	1/2
	500	PCFS2550	1STQ004552B0000	PCFS2550A	1STQ001733M0000	1/2
	600	PCFS2560	1STQ004553B0000	PCFS2560A	1STQ001734M0000	1/2
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	850	PCFS2585	1STQ004555B0000	PCFS2585A	1STQ001736M0000	1/2
	1000	PCFS2510	1STQ004556B0000	PCFS2510A	1STQ001727M0000	1/2
	1100	PCFS2511	1STQ004557B0000	PCFS2511A	1STQ001728M0000	1/2
	1200	PCFS2512	1STQ004558B0000	PCFS2512A	1STQ001729M0000	1/2
	1350	PCFS2513	1STQ004559B0000	PCFS2513A	1STQ001730M0000	1/2

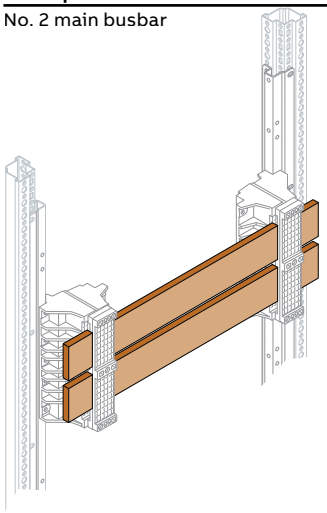
CONTINUES

Main busbars

Order codes

Main shifted flat busbars

Each code contains 2 pieces of work-hardened CU-ETP (Electrolytic Tough Pitch) busbars according to UNI EN 13601.



No. 2 main busbar

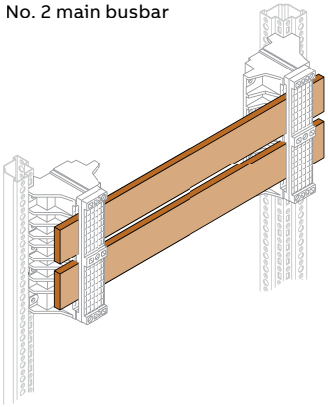
Description	Column External dimensions W (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
		Type	Order code	Type	Order code	
	MBB rating In 3200 A - Neutral 100% or 50%					
	350	PCFS3235	1STQ004560B0000	PCFS3235A	1STQ001741M0000	1/2
	400	PCFS3240	1STQ004561B0000	PCFS3240A	1STQ001742M0000	1/2
	500	PCFS3250	1STQ004562B0000	PCFS3250A	1STQ001743M0000	1/2
	600	PCFS3260	1STQ004563B0000	PCFS3260A	1STQ001744M0000	1/2
	800	PCFS3280	1STQ004564B0000	PCFS3280A	1STQ001745M0000	1/2
	850	PCFS3285	1STQ004565B0000	PCFS3285A	1STQ001746M0000	1/2
	1000	PCFS3210	1STQ004566B0000	PCFS3210A	1STQ001737M0000	1/2
	1100	PCFS3211	1STQ004567B0000	PCFS3211A	1STQ001738M0000	1/2
	1200	PCFS3212	1STQ004568B0000	PCFS3212A	1STQ001739M0000	1/2
	1350	PCFS3213	1STQ004569B0000	PCFS3213A	1STQ001740M0000	1/2
	MBB rating In 4000 A - Neutral 100% or 50%					
	350	PCFS4035	1STQ004570B0000	PCFS4035A	1STQ001751M0000	1/2
	400	PCFS4040	1STQ004571B0000	PCFS4040A	1STQ001752M0000	1/2
	500	PCFS4050	1STQ004572B0000	PCFS4050A	1STQ001753M0000	1/2
	600	PCFS4060	1STQ004573B0000	PCFS4060A	1STQ001754M0000	1/2
	800	PCFS4080	1STQ004574B0000	PCFS4080A	1STQ001755M0000	1/2
	850	PCFS4085	1STQ004575B0000	PCFS4085A	1STQ001756M0000	1/2
	1000	PCFS4010	1STQ004576B0000	PCFS4010A	1STQ001747M0000	1/2
	1100	PCFS4011	1STQ004577B0000	PCFS4011A	1STQ001748M0000	1/2
	1200	PCFS4012	1STQ004578B0000	PCFS4012A	1STQ001749M0000	1/2
	1350	PCFS4013	1STQ004579B0000	PCFS4013A	1STQ001750M0000	1/2
	MBB rating In 5000 A - Neutral 100% or 50%					
	350	PCFS5035	1STQ004580B0000	PCFS5035A	1STQ001761M0000	1/2
	400	PCFS5040	1STQ004581B0000	PCFS5040A	1STQ001762M0000	1/2
	500	PCFS5050	1STQ004582B0000	PCFS5050A	1STQ001763M0000	1/2
	600	PCFS5060	1STQ004583B0000	PCFS5060A	1STQ001764M0000	1/2
	800	PCFS5080	1STQ004584B0000	PCFS5080A	1STQ001765M0000	1/2
	850	PCFS5085	1STQ004585B0000	PCFS5085A	1STQ001766M0000	1/2
	1000	PCFS5010	1STQ004586B0000	PCFS5010A	1STQ001757M0000	1/2
	1100	PCFS5011	1STQ004587B0000	PCFS5011A	1STQ001758M0000	1/2
	1200	PCFS5012	1STQ004588B0000	PCFS5012A	1STQ001759M0000	1/2
	1350	PCFS5013	1STQ004589B0000	PCFS5013A	1STQ001760M0000	1/2
	MBB rating In 6300 A - Neutral 100 %					
	350	PCFS6335	1STQ004590B0000	PCFS6335A	1STQ001771M0000	1/2
	400	PCFS6340	1STQ004591B0000	PCFS6340A	1STQ001772M0000	1/2
	500	PCFS6350	1STQ004592B0000	PCFS6350A	1STQ001773M0000	1/2
	600	PCFS6360	1STQ004593B0000	PCFS6360A	1STQ001774M0000	1/2
	800	PCFS6380	1STQ004594B0000	PCFS6380A	1STQ001775M0000	1/2
	850	PCFS6385	1STQ004595B0000	PCFS6385A	1STQ001776M0000	1/2
	1000	PCFS6310	1STQ004596B0000	PCFS6310A	1STQ001767M0000	1/2
	1100	PCFS6311	1STQ004597B0000	PCFS6311A	1STQ001768M0000	1/2
	1200	PCFS6312	1STQ004598B0000	PCFS6312A	1STQ001769M0000	1/2
	1350	PCFS6313	1STQ004599B0000	PCFS6313A	1STQ001770M0000	1/2
	MBB rating In 6300 A - Neutral 50%					
	350	PCSH6335	1STQ004600B0000	PCSH6335A	1STQ001789M0000	1/2
	400	PCSH6340	1STQ004601B0000	PCSH6340A	1STQ001790M0000	1/2
	500	PCSH6350	1STQ004602B0000	PCSH6350A	1STQ001791M0000	1/2
	600	PCSH6360	1STQ004603B0000	PCSH6360A	1STQ001792M0000	1/2
	800	PCSH6380	1STQ004604B0000	PCSH6380A	1STQ001793M0000	1/2
	850	PCSH6385	1STQ004605B0000	PCSH6385A	1STQ001794M0000	1/2
	1000	PCSH6310	1STQ004606B0000	PCSH6310A	1STQ001785M0000	1/2
	1100	PCSH6311	1STQ004607B0000	PCSH6311A	1STQ001786M0000	1/2
	1200	PCSH6312	1STQ004608B0000	PCSH6312A	1STQ001787M0000	1/2
	1350	PCSH6313	1STQ004609B0000	PCSH6313A	1STQ001788M0000	1/2

Main busbars

Order codes

Main compact copper flat busbars

Each code contains 2 pieces of work-hardened CU-ETP (Electrolytic Tough Pitch) busbars according to UNI EN 13601.

Description	Column External dimensions W (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
		Type	Order code	Type	Order code	
No. 2 main busbar 	**MBB rating In 1000/1250 A - Neutral 100% or 50%**					
	350	PCFB1035	1STQ003168B0000	PCFB1035A	1STQ001581M0000	1/2
	400	PCFB1040	1STQ003169B0000	PCFB1040A	1STQ001582M0000	1/2
	500	PCFB1050	1STQ003170B0000	PCFB1050A	1STQ001583M0000	1/2
	600	PCFB1060	1STQ003171B0000	PCFB1060A	1STQ001584M0000	1/2
	800	PCFB1080	1STQ003172B0000	PCFB1080A	1STQ001585M0000	1/2
	850	PCFB1085	1STQ003174B0000	PCFB1085A	1STQ001586M0000	1/2
	1000	PCFB1010	1STQ003175B0000	PCFB1010A	1STQ001577M0000	1/2
	1100	PCFB1011	1STQ003176B0000	PCFB1011A	1STQ001578M0000	1/2
	1200	PCFB1012	1STQ003177B0000	PCFB1012A	1STQ001579M0000	1/2
	1350	PCFB1013	1STQ003178B0000	PCFB1013A	1STQ001580M0000	1/2
	MBB rating In 1600 A - Neutral 100% or 50%					
	350	PCFB1635	1STQ003189B0000	PCFB1635A	1STQ001601M0000	1/2
	400	PCFB1640	1STQ003190B0000	PCFB1640A	1STQ001602M0000	1/2
	500	PCFB1650	1STQ003191B0000	PCFB1650A	1STQ001603M0000	1/2
	600	PCFB1660	1STQ003192B0000	PCFB1660A	1STQ001604M0000	1/2
	800	PCFB1680	1STQ003520B0000	PCFB1680A	1STQ001605M0000	1/2
	850	PCFB1685	1STQ003193B0000	PCFB1685A	1STQ001606M0000	1/2
	1000	PCFB1610	1STQ003194B0000	PCFB1610A	1STQ001597M0000	1/2
	1100	PCFB1611	1STQ003195B0000	PCFB1611A	1STQ001598M0000	1/2
	1200	PCFB1612	1STQ003196B0000	PCFB1612A	1STQ001599M0000	1/2
	1350	PCFB1613	1STQ003197B0000	PCFB1613A	1STQ001600M0000	1/2
	MBB rating In 2000 A - Neutral 100% or 50%					
	350	PCFB2035	1STQ003198B0000	PCFB2035A	1STQ001611M0000	1/2
	400	PCFB2040	1STQ003199B0000	PCFB2040A	1STQ001612M0000	1/2
	500	PCFB2050	1STQ003200B0000	PCFB2050A	1STQ001613M0000	1/2
	600	PCFB2060	1STQ003201B0000	PCFB2060A	1STQ001614M0000	1/2
	800	PCFB2080	1STQ003202B0000	PCFB2080A	1STQ001615M0000	1/2
	850	PCFB2085	1STQ003203B0000	PCFB2085A	1STQ001616M0000	1/2
	1000	PCFB2010	1STQ003204B0000	PCFB2010A	1STQ001607M0000	1/2
	1100	PCFB2011	1STQ003205B0000	PCFB2011A	1STQ001608M0000	1/2
	1200	PCFB2012	1STQ003206B0000	PCFB2012A	1STQ001609M0000	1/2
	1350	PCFB2013	1STQ003207B0000	PCFB2013A	1STQ001610M0000	1/2
	MBB rating In 2000 A - Neutral 50%					
	350	PCFB1235	1STQ003179B0000	PCFB1235A	1STQ001591M0000	1/2
	400	PCFB1240	1STQ003180B0000	PCFB1240A	1STQ001592M0000	1/2
	500	PCFB1250	1STQ003181B0000	PCFB1250A	1STQ001593M0000	1/2
	600	PCFB1260	1STQ003182B0000	PCFB1260A	1STQ001594M0000	1/2
	800	PCFB1280	1STQ003183B0000	PCFB1280A	1STQ001595M0000	1/2
	850	PCFB1285	1STQ003184B0000	PCFB1285A	1STQ001596M0000	1/2
	1000	PCFB1210	1STQ003185B0000	PCFB1210A	1STQ001587M0000	1/2
	1100	PCFB1211	1STQ003186B0000	PCFB1211A	1STQ001588M0000	1/2
	1200	PCFB1212	1STQ003187B0000	PCFB1212A	1STQ001589M0000	1/2
	1350	PCFB1213	1STQ003188B0000	PCFB1213A	1STQ001590M0000	1/2
	MBB rating In 2500 A - Neutral 100% or 50%					
	350	PCFB2535	1STQ003208B0000	PCFB2535A	1STQ001621M0000	1/2
	400	PCFB2540	1STQ003209B0000	PCFB2540A	1STQ001622M0000	1/2
	500	PCFB2550	1STQ003210B0000	PCFB2550A	1STQ001623M0000	1/2
	600	PCFB2560	1STQ003211B0000	PCFB2560A	1STQ001624M0000	1/2
	800	PCFB2580	1STQ003212B0000	PCFB2580A	1STQ001625M0000	1/2
	850	PCFB2585	1STQ003213B0000	PCFB2585A	1STQ001626M0000	1/2
	1000	PCFB2510	1STQ003214B0000	PCFB2510A	1STQ001617M0000	1/2
	1100	PCFB2511	1STQ003215B0000	PCFB2511A	1STQ001618M0000	1/2
	1200	PCFB2512	1STQ003216B0000	PCFB2512A	1STQ001619M0000	1/2
	1350	PCFB2513	1STQ003217B0000	PCFB2513A	1STQ001620M0000	1/2

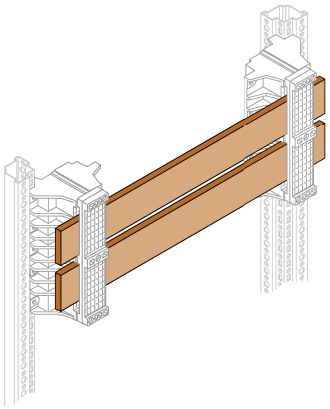
CONTINUES

Main busbars

Order codes

Main compact copper flat busbars

Each code contains 2 pieces of work-hardened CU-ETP (Electrolytic Tough Pitch) busbars according to UNI EN 13601.



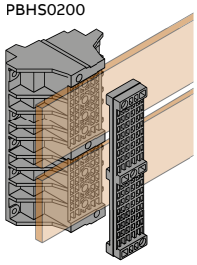
No. 2 main busbar

Description	Column External dimensions W (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
		Type	Order code	Type	Order code	
MBB rating In 3200 A - Neutral 100% or 50%						
	350	PCFB3235	1STQ003218B0000	PCFB3235A	1STQ001631M0000	1/2
	400	PCFB3240	1STQ003219B0000	PCFB3240A	1STQ001632M0000	1/2
	500	PCFB3250	1STQ003220B0000	PCFB3250A	1STQ001633M0000	1/2
	600	PCFB3260	1STQ003221B0000	PCFB3260A	1STQ001634M0000	1/2
	800	PCFB3280	1STQ003222B0000	PCFB3280A	1STQ001635M0000	1/2
	850	PCFB3285	1STQ003223B0000	PCFB3285A	1STQ001636M0000	1/2
	1000	PCFB3210	1STQ003224B0000	PCFB3210A	1STQ001627M0000	1/2
	1100	PCFB3211	1STQ003225B0000	PCFB3211A	1STQ001628M0000	1/2
	1200	PCFB3212	1STQ003226B0000	PCFB3212A	1STQ001629M0000	1/2
	1350	PCFB3213	1STQ003227B0000	PCFB3213A	1STQ001630M0000	1/2
MBB rating In 4000 A - Neutral 100% or 50%						
	350	PCFB4035	1STQ003228B0000	PCFB4035A	1STQ001641M0000	1/2
	400	PCFB4040	1STQ003229B0000	PCFB4040A	1STQ001642M0000	1/2
	500	PCFB4050	1STQ003230B0000	PCFB4050A	1STQ001643M0000	1/2
	600	PCFB4060	1STQ003231B0000	PCFB4060A	1STQ001644M0000	1/2
	800	PCFB4080	1STQ003232B0000	PCFB4080A	1STQ001645M0000	1/2
	850	PCFB4085	1STQ003233B0000	PCFB4085A	1STQ001646M0000	1/2
	1000	PCFB4010	1STQ003234B0000	PCFB4010A	1STQ001637M0000	1/2
	1100	PCFB4011	1STQ003235B0000	PCFB4011A	1STQ001638M0000	1/2
	1200	PCFB4012	1STQ003236B0000	PCFB4012A	1STQ001639M0000	1/2
	1350	PCFB4013	1STQ003237B0000	PCFB4013A	1STQ001640M0000	1/2
MBB rating In 5000 A - Neutral 100% or 50%						
	350	PCFB5035	1STQ003238B0000	PCFB5035A	1STQ001651M0000	1/2
	400	PCFB5040	1STQ003239B0000	PCFB5040A	1STQ001652M0000	1/2
	500	PCFB5050	1STQ003240B0000	PCFB5050A	1STQ001653M0000	1/2
	600	PCFB5060	1STQ003241B0000	PCFB5060A	1STQ001654M0000	1/2
	800	PCFB5080	1STQ003242B0000	PCFB5080A	1STQ001655M0000	1/2
	850	PCFB5085	1STQ003243B0000	PCFB5085A	1STQ001656M0000	1/2
	1000	PCFB5010	1STQ003244B0000	PCFB5010A	1STQ001647M0000	1/2
	1100	PCFB5011	1STQ003245B0000	PCFB5011A	1STQ001648M0000	1/2
	1200	PCFB5012	1STQ003246B0000	PCFB5012A	1STQ001649M0000	1/2
	1350	PCFB5013	1STQ003247B0000	PCFB5013A	1STQ001650M0000	1/2
MBB rating In 6300 A - Neutral 100 %						
	350	PCFB6335	1STQ003248B0000	PCFB6335A	1STQ001661M0000	1/2
	400	PCFB6340	1STQ003249B0000	PCFB6340A	1STQ001662M0000	1/2
	500	PCFB6350	1STQ003250B0000	PCFB6350A	1STQ001663M0000	1/2
	600	PCFB6360	1STQ003251B0000	PCFB6360A	1STQ001664M0000	1/2
	800	PCFB6380	1STQ003252B0000	PCFB6380A	1STQ001665M0000	1/2
	850	PCFB6385	1STQ003253B0000	PCFB6385A	1STQ001666M0000	1/2
	1000	PCFB6310	1STQ003254B0000	PCFB6310A	1STQ001657M0000	1/2
	1100	PCFB6311	1STQ003255B0000	PCFB6311A	1STQ001658M0000	1/2
	1200	PCFB6312	1STQ003256B0000	PCFB6312A	1STQ001659M0000	1/2
	1350	PCFB6313	1STQ003257B0000	PCFB6313A	1STQ001660M0000	1/2
MBB rating In 6300 A - Neutral 50%						
	350	PCFH6335	1STQ003258B0000	PCFH6335A	1STQ001671M0000	1/2
	400	PCFH6340	1STQ003259B0000	PCFH6340A	1STQ001672M0000	1/2
	500	PCFH6350	1STQ003260B0000	PCFH6350A	1STQ001673M0000	1/2
	600	PCFH6360	1STQ003261B0000	PCFH6360A	1STQ001674M0000	1/2
	800	PCFH6380	1STQ003262B0000	PCFH6380A	1STQ001675M0000	1/2
	850	PCFH6385	1STQ003263B0000	PCFH6385A	1STQ001676M0000	1/2
	1000	PCFH6310	1STQ003264B0000	PCFH6310A	1STQ001667M0000	1/2
	1100	PCFH6311	1STQ003265B0000	PCFH6311A	1STQ001668M0000	1/2
	1200	PCFH6312	1STQ003266B0000	PCFH6312A	1STQ001669M0000	1/2
	1350	PCFH6313	1STQ003267B0000	PCFH6313A	1STQ001670M0000	1/2

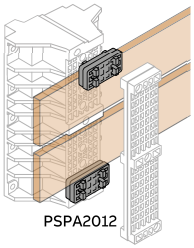
Main busbars

Order codes

PBHS0200



PCCS0200

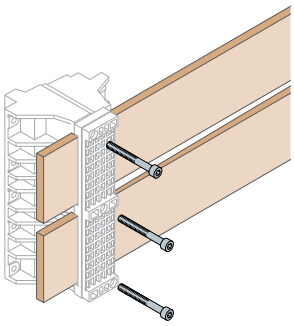


PSPA2012

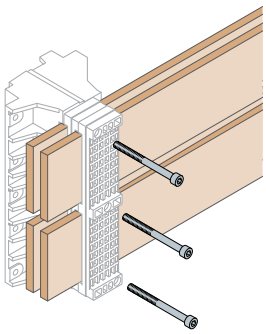
Busbar holders

The maximum installable busbar section inside the busbar holder is 80mm.
The minimum number of busbars per phase is 2 and the maximum is 6.
In order to realize a configuration with 2 busbars per phase 80mm, for every phase please select 1 PBHS0200 + 1 PCCS0200 + 1 PSCB0002.
In case of using a busbar with section <80mm, the remaining space must be compensated with code PSPA2012; the code includes 12 spaces with H=20mm.
In case of configurations with 4 or 6 busbars per phase, the number of PCCS0200 must be augmented (2 pcs for 4 busbars, 3 pcs for 6 busbars), according to the below picture.
Also the fixing screws must be selected according to the number of busbars per phase.

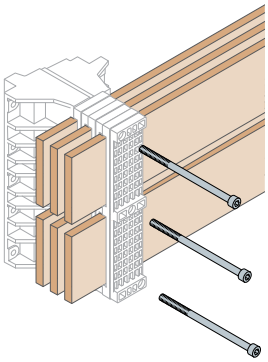
	Delivered in kit		Delivered assembled		Package/
Description	**Type**	**Order code**	**Type**	**Order code**	**No. pcs**
No.2 busbar holders H=200mm	PBHS0200	1STQ009602A0000	PBHS0200A	1STQ001355M0000	1/2
N.2 supports for shifted busbars	PBHS0201	1STQ005066B0000	PBHS0201A	1STQ001356M0000	1/2
No.12 spacers H=20mm	PSPA2012	1STQ009604A0000	PSPA2012A	1STQ002655M0000	1/12
No.2 closing cover for holder H=200mm	PCCS0200	1STQ009605A0000	PCCS0200A	1STQ001559M0000	1/2
Mountig screws for 2 busbars per phase	PSCB0002	1STQ009606A0000	PSCB0002A	1STQ002527M0000	1/6
Mountig screws for 4 busbars per phase	PSCB0004	1STQ009631A0000	PSCB0004A	1STQ002528M0000	1/6
Mountig screws for 6 busbars per phase	PSCB0006	1STQ003718B0000	PSCB0006A	1STQ002529M0000	1/6



PSCB0002



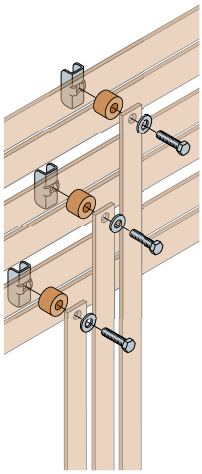
PSCB0004



PSCB0006

Main busbars

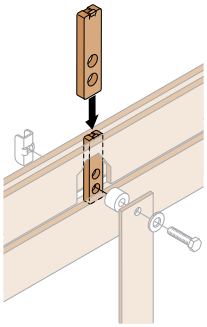
Order codes



Bars fixing kit

Accessories to connect the connection to the main busbars.

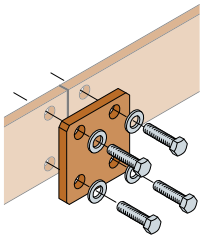
Description	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Cylinders 20 + closing elements						
Screws 5070	3	PCCS01X3	1STQ003642B0000	PCCS01X3A	1STQ001558M0000	1/3
	4	PCCS02X4	1STQ003643B0000	PCCS02X4A	1STQ001560M0000	1/4
Screws 80100	3	PCCS09X3	1STQ003644B0000	PCCS09X3A	1STQ001567M0000	1/3
	4	PCCS10X4	1STQ003645B0000	PCCS10X4A	1STQ001568M0000	1/4
Screws 110130	3	PCCS11X3	1STQ003646B0000	PCCS11X3A	1STQ001569M0000	1/3
	4	PCCS12X4	1STQ003647B0000	PCCS12X4A	1STQ001570M0000	1/4
Screws 150	3	PCCS13X3	1STQ003648B0000	PCCS13X3A	1STQ001571M0000	1/3
	4	PCCS14X4	1STQ003649B0000	PCCS14X4A	1STQ001572M0000	1/4
Cylinders 30 + closing elements						
Screws 5070	3	PCCS03X3	1STQ003650B0000	PCCS03X3A	1STQ001561M0000	1/3
	4	PCCS04X4	1STQ003651B0000	PCCS04X4A	1STQ001562M0000	1/4
Screws 80100	3	PCCS05X3	1STQ003652B0000	PCCS05X3A	1STQ001563M0000	1/3
	4	PCCS06X4	1STQ003653B0000	PCCS06X4A	1STQ001564M0000	1/4
Screws 110130	3	PCCS07X3	1STQ003654B0000	PCCS07X3A	1STQ001565M0000	1/3
	4	PCCS08X4	1STQ003655B0000	PCCS08X4A	1STQ001566M0000	1/4
Screws 140160	3	PCCS15X3	1STQ003656B0000	PCCS15X3A	1STQ001573M0000	1/3
	4	PCCS16X4	1STQ003657B0000	PCCS16X4A	1STQ001574M0000	1/4
Screws 170190	3	PCCS17X3	1STQ003658B0000	PCCS17X3A	1STQ001575M0000	1/3
	4	PCCS18X4	1STQ003659B0000	PCCS18X4A	1STQ001576M0000	1/4



Copper compensators

To select in case of 4 or 6 bars per phase according to the rating and number of phases.

In (A)	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Copper compensator						
3200A/5000A	3	PCMP0013	1STQ003698B0000	PCMP0013A	1STQ001777M0000	1/3
3200A/5000A	4	PCMP0014	1STQ003699B0000	PCMP0014A	1STQ001778M0000	1/4
6300A	3	PCMP0023	1STQ003700B0000	PCMP0023A	1STQ001779M0000	1/3
6300A	4	PCMP0024	1STQ003701B0000	PCMP0024A	1STQ001780M0000	1/4



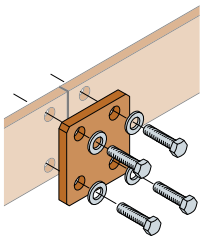
Busbar joints for busbar holders

To select for making a connection between the main busbars.

Bar section	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Busbar joint for shifted busbars holders						
2x20x10	3P	PSJ32X20	1STQ004610B0000	-	-	1/3
2x30x10	3P	PSJ32X30	1STQ004611B0000	-	-	1/3
2x40x10	3P	PSJ32X40	1STQ004612B0000	-	-	1/3
2x60x10	3P	PSJ32X60	1STQ004613B0000	-	-	1/3
2x80x10	3P	PSJ32X80	1STQ004614B0000	-	-	1/3
4x40x10	3P	PSJ34X40	1STQ004620B0000	-	-	1/3
4x60x10	3P	PSJ34X60	1STQ004622B0000	-	-	1/3
6x60x10	3P	PSJ36X60	1STQ004624B0000	-	-	1/3
6x80x10	3P	PSJ36X80	1STQ004626B0000	-	-	1/3
2x20x10	4P	PSJ42X20	1STQ004615B0000	-	-	1/4
2x30x10	4P	PSJ42X30	1STQ004616B0000	-	-	1/4
2x40x10	4P	PSJ42X40	1STQ004617B0000	-	-	1/4
2x60x10	4P	PSJ42X60	1STQ004618B0000	-	-	1/4
2x80x10	4P	PSJ42X80	1STQ004619B0000	-	-	1/4
4x40x10	4P	PSJ44X40	1STQ004621B0000	-	-	1/4

Main busbars

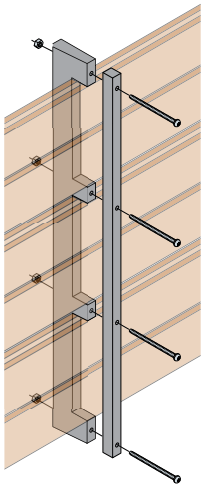
Order codes



Bar section	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
4x60x10	4P	PSJ44X60	1STQ004623B0000	-	-	1/1
6x60x10	4P	PSJ46X60	1STQ004625B0000	-	-	1/1
6x80x10	4P	PSJ46X80	1STQ004627B0000	-	-	1/1
Busbar joint for shifted busbars holders Half Size						
2x20x10	4P HS	PSJ42X20	1STQ004615B0000	-	-	1/1
2x40x10	4P HS	PSJ42X41	1STQ005815B0000	-	-	1/1
2x60x10	4P HS	PSJ42X61	1STQ005816B0000	-	-	1/1
2x80x10	4P HS	PSJ42X81	1STQ005817B0000	-	-	1/1
4x40x10	4P HS	PSJ44X41	1STQ005818B0000	-	-	1/1
4x60x10	4P HS	PSJ44X61	1STQ005819B0000	-	-	1/1
6x60x10	4P HS	PSJ46X61	1STQ005820B0000	-	-	1/1
6x80x10	4P HS	PSJ46X81	1STQ005821B0000	-	-	1/1
Busbar joint for compact busbars holders						
2x20x10	3P	PBJ32X20	1STQ003708B0000	-	-	1/1
2x30x10	3P	PBJ32X30	1STQ003709B0000	-	-	1/1
2x40x10	3P	PBJ32X40	1STQ003710B0000	-	-	1/1
2x60x10	3P	PBJ32X60	1STQ003711B0000	-	-	1/1
2x80x10	3P	PBJ32X80	1STQ003712B0000	-	-	1/1
4x40x10	3P	PBJ34X40	1STQ004217B0000	-	-	1/1
4x60x10	3P	PBJ34X60	1STQ004219B0000	-	-	1/1
6x60x10	3P	PBJ36X60	1STQ004221B0000	-	-	1/1
6x80x10	3P	PBJ36X80	1STQ004223B0000	-	-	1/1
2x20x10	4P	PBJ42X20	1STQ003713B0000	-	-	1/1
2x30x10	4P	PBJ42X30	1STQ003714B0000	-	-	1/1
2x40x10	4P	PBJ42X40	1STQ003715B0000	-	-	1/1
2x60x10	4P	PBJ42X60	1STQ003716B0000	-	-	1/1
2x80x10	4P	PBJ42X80	1STQ003717B0000	-	-	1/1
4x40x10	4P	PBJ44X40	1STQ004218B0000	-	-	1/1
4x60x10	4P	PBJ44X60	1STQ004220B0000	-	-	1/1
6x60x10	4P	PBJ46X60	1STQ004222B0000	-	-	1/1
6x80x10	4P	PBJ46X80	1STQ004224B0000	-	-	1/1
Busbar joint for compact busbars holders Half Size						
2X20x10	4P HS	PBJ42X20	1STQ003713B0000	-	-	1/1
2X40x10	4P HS	PBJ42X41	1STQ005824B0000	-	-	1/1
2X60x10	4P HS	PBJ42X61	1STQ005825B0000	-	-	1/1
2X80x10	4P HS	PBJ42X81	1STQ005826B0000	-	-	1/1
4X40x10	4P HS	PBJ44X41	1STQ005827B0000	-	-	1/1
4X60x10	4P HS	PBJ44X61	1STQ005828B0000	-	-	1/1
6X60x10	4P HS	PBJ46X61	1STQ005829B0000	-	-	1/1
6X80x10	4P HS	PBJ46X81	1STQ005830B0000	-	-	1/1
Busbar joints for neutral/earth busbar						
1x30x10 for N/PE		PNJ30X10	1STQ005396B0000	-	-	1/1
1x40x10 for N/PE		PNJ40X10	1STQ005397B0000	-	-	1/1
1x60x10 for N/PE		PNJ60X10	1STQ005399B0000	-	-	1/1
1x80x10 for N/PE		PNJ80X10	1STQ005400B0000	-	-	1/1
2x60x10 for N/PE		PNJ62X10	1STQ005402B0000	-	-	1/1
3x60x10 for N		PNJ63X10	1STQ005403B0000	-	-	1/1
3x80x10 for N		PNJ83X10	1STQ005404B0000	-	-	1/1

Main busbars

Order codes



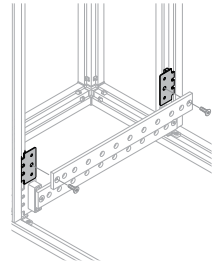
GPO3 bar's insulation sheet

To select according to the Icw value. See Effective currents and number of necessary GPO3 busbar insulators in Chapter 3, page 3-39.

N. of bars for phase	Bars section (mm)	No. of poles	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
GPO3 bar's insulation sheet							
6	60x10	3P	PGPO6630	1STQ003976B0000	PGPO6630A	1STQ001909M0000	1/1
6	60x10	4P	PGPO6640	1STQ003977B0000	PGPO6640A	1STQ001910M0000	1/1
6	80x10	3P	PGPO6830	1STQ003978B0000	PGPO6830A	1STQ001911M0000	1/1
6	80x10	4P	PGPO6840	1STQ003979B0000	PGPO6840A	1STQ001912M0000	1/1
4	40x10	3P	PGPO4430	1STQ003980B0000	PGPO4430A	1STQ001905M0000	1/1
4	40x10	4P	PGPO4440	1STQ003981B0000	PGPO4440A	1STQ001906M0000	1/1
4	60x10	3P	PGPO4630	1STQ003982B0000	PGPO4630A	1STQ001907M0000	1/1
4	60x10	4P	PGPO4640	1STQ003983B0000	PGPO4640A	1STQ001908M0000	1/1
2	20x10	3P	PGPO2230	1STQ003984B0000	PGPO2230A	1STQ001895M0000	1/1
2	20x10	4P	PGPO2240	1STQ003985B0000	PGPO2240A	1STQ001896M0000	1/1
2	30x10	3P	PGPO2330	1STQ003986B0000	PGPO2330A	1STQ001897M0000	1/1
2	30x10	4P	PGPO2340	1STQ003987B0000	PGPO2340A	1STQ001898M0000	1/1
2	40x10	3P	PGPO2430	1STQ003988B0000	PGPO2430A	1STQ001899M0000	1/1
2	40x10	4P	PGPO2440	1STQ003989B0000	PGPO2440A	1STQ001900M0000	1/1
2	60x10	3P	PGPO2630	1STQ003990B0000	PGPO2630A	1STQ001901M0000	1/1
2	60x10	4P	PGPO2640	1STQ003991B0000	PGPO2640A	1STQ001902M0000	1/1
2	80x10	3P	PGPO2830	1STQ003992B0000	PGPO2830A	1STQ001903M0000	1/1
2	80x10	4P	PGPO2840	1STQ003993B0000	PGPO2840A	1STQ001904M0000	1/1

Main busbars

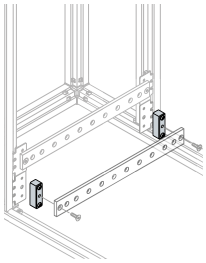
Order codes



Brackets for N/PE busbar

To be ordered for fixing the neutral and earthing busbars.

	Delivered in kit		Delivered assembled		Package/
Description	Type	Order code	Type	Order code	No. pcs
Brackets for PE busbar	PBRP0003	1STQ003149B0000	PBRP0003A	1STQ001498M0000	1/2



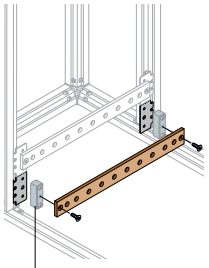
Neutral busbar holder

To be ordered two pieces for fixing the neutral busbar.

	Delivered in kit		Delivered assembled		Package/
Description	Type	Order code	Type	Order code	No. pcs
Neutral busbar holder	ZX563	2CPX068735R9999	-	-	1/1
Neutral busbar holder	ZX563P10	2CPX068736R9999	-	-	1/10

Main busbars

Order codes



To be ordered separately:
ZX563 2CPX068735R9999

Neutral busbars

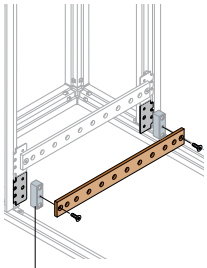
To use in case the neutral busbar does not run with the main busbars.

MBB rating In (A)	Column W (external)	Busbar section (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
			Type	Order code	Type	Order code	
Neutral busbar N50%							
1000A	350	1x30x10	PBNE1035	1STQ003787B0000	PBNE1035A	1STQ001373M0000	1/1
	400	1x30x10	PBNE1040	1STQ003788B0000	PBNE1040A	1STQ001374M0000	1/1
	500	1x30x10	PBNE1050	1STQ003789B0000	PBNE1050A	1STQ001376M0000	1/1
	600	1x30x10	PBNE1060	1STQ003790B0000	PBNE1060A	1STQ001379M0000	1/1
	800	1x30x10	PBNE1080	1STQ003791B0000	PBNE1080A	1STQ001382M0000	1/1
	850	1x30x10	PBNE1085	1STQ003792B0000	PBNE1085A	1STQ001385M0000	1/1
	1000	1x30x10	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/1
	1100	1x30x10	PBNE1011	1STQ003794B0000	PBNE1011A	1STQ001368M0000	1/1
	1200	1x30x10	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/1
	1350	1x30x10	PBNE1013	1STQ003796B0000	PBNE1013A	1STQ001370M0000	1/1
1250A	350	1x30x10	PBNE1035	1STQ003787B0000	PBNE1035A	1STQ001373M0000	1/1
	400	1x30x10	PBNE1040	1STQ003788B0000	PBNE1040A	1STQ001374M0000	1/1
	500	1x30x10	PBNE1050	1STQ003789B0000	PBNE1050A	1STQ001376M0000	1/1
	600	1x30x10	PBNE1060	1STQ003790B0000	PBNE1060A	1STQ001379M0000	1/1
	800	1x30x10	PBNE1080	1STQ003791B0000	PBNE1080A	1STQ001382M0000	1/1
	850	1x30x10	PBNE1085	1STQ003792B0000	PBNE1085A	1STQ001385M0000	1/1
	1000	1x30x10	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/1
	1100	1x30x10	PBNE1011	1STQ003794B0000	PBNE1011A	1STQ001368M0000	1/1
	1200	1x30x10	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/1
	1350	1x30x10	PBNE1013	1STQ003796B0000	PBNE1013A	1STQ001370M0000	1/1
1600A	350	1X40X10	PBNE1635	1STQ003797B0000	PBNE1635A	1STQ001397M0000	1/1
	400	1X40X10	PBNE1640	1STQ003798B0000	PBNE1640A	1STQ001398M0000	1/1
	500	1X40X10	PBNE1650	1STQ003799B0000	PBNE1650A	1STQ001399M0000	1/1
	600	1X40X10	PBNE1660	1STQ003800B0000	PBNE1660A	1STQ001400M0000	1/1
	800	1X40X10	PBNE1680	1STQ003801B0000	PBNE1680A	1STQ001401M0000	1/1
	850	1X40X10	PBNE1685	1STQ003802B0000	PBNE1685A	1STQ001402M0000	1/1
	1000	1X40X10	PBNE1610	1STQ003803B0000	PBNE1610A	1STQ001393M0000	1/1
	1100	1X40X10	PBNE1611	1STQ003804B0000	PBNE1611A	1STQ001394M0000	1/1
	1200	1X40X10	PBNE1612	1STQ003805B0000	PBNE1612A	1STQ001395M0000	1/1
	1350	1X40X10	PBNE1613	1STQ003806B0000	PBNE1613A	1STQ001396M0000	1/1
2000A	350	1X60X10	PBNE2035	1STQ003807B0000	PBNE2035A	1STQ001407M0000	1/1
	400	1X60X10	PBNE2040	1STQ003808B0000	PBNE2040A	1STQ001408M0000	1/1
	500	1X60X10	PBNE2050	1STQ003809B0000	PBNE2050A	1STQ001409M0000	1/1
	600	1X60X10	PBNE2060	1STQ003810B0000	PBNE2060A	1STQ001410M0000	1/1
	800	1X60X10	PBNE2080	1STQ003811B0000	PBNE2080A	1STQ001411M0000	1/1
	850	1X60X10	PBNE2085	1STQ003812B0000	PBNE2085A	1STQ001412M0000	1/1
	1000	1X60X10	PBNE2010	1STQ003813B0000	PBNE2010A	1STQ001403M0000	1/1
	1100	1X60X10	PBNE2011	1STQ003814B0000	PBNE2011A	1STQ001404M0000	1/1
	1200	1X60X10	PBNE2012	1STQ003815B0000	PBNE2012A	1STQ001405M0000	1/1
	1350	1X60X10	PBNE2013	1STQ003816B0000	PBNE2013A	1STQ001406M0000	1/1
2500A	350	1X80X10	PBNE2535	1STQ003817B0000	PBNE2535A	1STQ001417M0000	1/1
	400	1X80X10	PBNE2540	1STQ003818B0000	PBNE2540A	1STQ001418M0000	1/1
	500	1X80X10	PBNE2550	1STQ003819B0000	PBNE2550A	1STQ001419M0000	1/1
	600	1X80X10	PBNE2560	1STQ003820B0000	PBNE2560A	1STQ001420M0000	1/1
	800	1X80X10	PBNE2580	1STQ003821B0000	PBNE2580A	1STQ001421M0000	1/1
	850	1X80X10	PBNE2585	1STQ003822B0000	PBNE2585A	1STQ001422M0000	1/1
	1000	1X80X10	PBNE2510	1STQ003823B0000	PBNE2510A	1STQ001413M0000	1/1
	1100	1X80X10	PBNE2511	1STQ003824B0000	PBNE2511A	1STQ001414M0000	1/1
	1200	1X80X10	PBNE2512	1STQ003825B0000	PBNE2512A	1STQ001415M0000	1/1
	1350	1X80X10	PBNE2513	1STQ003826B0000	PBNE2513A	1STQ001416M0000	1/1

CONTINUES

Main busbars

Order codes



To be ordered separately:
ZX563 2CPX068735R9999

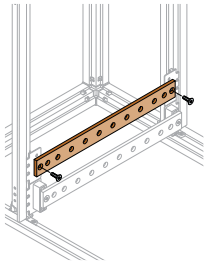
Neutral busbars

To use in case the neutral busbar does not run with the main busbars.

MBB rating In (A)	Column W (external)	Busbar section (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
			Type	Order code	Type	Order code	
Neutral busbar N50%							
3200A	350	1X80X10	PBNE2535	1STQ003817B0000	PBNE2535A	1STQ001417M0000	1/1
	400	1X80X10	PBNE2540	1STQ003818B0000	PBNE2540A	1STQ001418M0000	1/1
	500	1X80X10	PBNE2550	1STQ003819B0000	PBNE2550A	1STQ001419M0000	1/1
	600	1X80X10	PBNE2560	1STQ003820B0000	PBNE2560A	1STQ001420M0000	1/1
	800	1X80X10	PBNE2580	1STQ003821B0000	PBNE2580A	1STQ001421M0000	1/1
	850	1X80X10	PBNE2585	1STQ003822B0000	PBNE2585A	1STQ001422M0000	1/1
	1000	1X80X10	PBNE2510	1STQ003823B0000	PBNE2510A	1STQ001413M0000	1/1
	1100	1X80X10	PBNE2511	1STQ003824B0000	PBNE2511A	1STQ001414M0000	1/1
	1200	1X80X10	PBNE2512	1STQ003825B0000	PBNE2512A	1STQ001415M0000	1/1
	1350	1X80X10	PBNE2513	1STQ003826B0000	PBNE2513A	1STQ001416M0000	1/1
4000A	350	2X60X10	PBNE4035	1STQ003827B0000	PBNE4035A	1STQ001429M0000	1/1
	400	2X60X10	PBNE4040	1STQ003828B0000	PBNE4040A	1STQ001430M0000	1/1
	500	2X60X10	PBNE4050	1STQ003829B0000	PBNE4050A	1STQ001431M0000	1/1
	600	2X60X10	PBNE4060	1STQ003830B0000	PBNE4060A	1STQ001432M0000	1/1
	800	2X60X10	PBNE4080	1STQ003831B0000	PBNE4080A	1STQ001433M0000	1/1
	850	2X60X10	PBNE4085	1STQ003832B0000	PBNE4085A	1STQ001434M0000	1/1
	1000	2X60X10	PBNE4010	1STQ003833B0000	PBNE4010A	1STQ001424M0000	1/1
	1100	2X60X10	PBNE4011	1STQ003834B0000	PBNE4011A	1STQ001425M0000	1/1
	1200	2X60X10	PBNE4012	1STQ003835B0000	PBNE4012A	1STQ001426M0000	1/1
	1350	2X60X10	PBNE4013	1STQ003836B0000	PBNE4013A	1STQ001427M0000	1/1
5000A	350	3X60X10	PBNE5035	1STQ003837B0000	PBNE5035A	1STQ001440M0000	1/1
	400	3X60X10	PBNE5040	1STQ003838B0000	PBNE5040A	1STQ001441M0000	1/1
	500	3X60X10	PBNE5050	1STQ003839B0000	PBNE5050A	1STQ001442M0000	1/1
	600	3X60X10	PBNE5060	1STQ003840B0000	PBNE5060A	1STQ001443M0000	1/1
	800	3X60X10	PBNE5080	1STQ003841B0000	PBNE5080A	1STQ001444M0000	1/1
	850	3X60X10	PBNE5085	1STQ003842B0000	PBNE5085A	1STQ001445M0000	1/1
	1000	3X60X10	PBNE5010	1STQ003843B0000	PBNE5010A	1STQ001435M0000	1/1
	1100	3X60X10	PBNE5011	1STQ003844B0000	PBNE5011A	1STQ001436M0000	1/1
	1200	3X60X10	PBNE5012	1STQ003845B0000	PBNE5012A	1STQ001437M0000	1/1
	1350	3X60X10	PBNE5013	1STQ003846B0000	PBNE5013A	1STQ001438M0000	1/1
6300A	350	3X80X10	PBNE6335	1STQ003847B0000	PBNE6335A	1STQ001465M0000	1/1
	400	3X80X10	PBNE6340	1STQ003848B0000	PBNE6340A	1STQ001466M0000	1/1
	500	3X80X10	PBNE6350	1STQ003849B0000	PBNE6350A	1STQ001467M0000	1/1
	600	3X80X10	PBNE6360	1STQ003850B0000	PBNE6360A	1STQ001468M0000	1/1
	800	3X80X10	PBNE6380	1STQ003851B0000	PBNE6380A	1STQ001469M0000	1/1
	850	3X80X10	PBNE6385	1STQ003852B0000	PBNE6385A	1STQ001470M0000	1/1
	1000	3X80X10	PBNE6310	1STQ003853B0000	PBNE6310A	1STQ001461M0000	1/1
	1100	3X80X10	PBNE6311	1STQ003854B0000	PBNE6311A	1STQ001462M0000	1/1
	1200	3X80X10	PBNE6312	1STQ003855B0000	PBNE6312A	1STQ001463M0000	1/1
	1350	3X80X10	PBNE6313	1STQ003856B0000	PBNE6313A	1STQ001464M0000	1/1

Main busbars

Order codes



Earth busbars

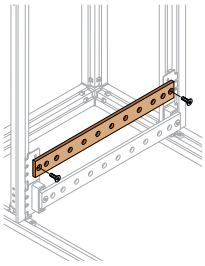
With a minimum section of 30x10mm it covers the applications until 6300A with 1/4 of the main busbars section.

MBB rating In (A)	Column W (external)	Busbar section (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
			Type	Order code	Type	Order code	
PE busbar							
1000A	350	1x30x10	PBNE1035	1STQ003787B0000	PBNE1035A	1STQ001373M0000	1/1
	400	1x30x10	PBNE1040	1STQ003788B0000	PBNE1040A	1STQ001374M0000	1/1
	500	1x30x10	PBNE1050	1STQ003789B0000	PBNE1050A	1STQ001376M0000	1/1
	600	1x30x10	PBNE1060	1STQ003790B0000	PBNE1060A	1STQ001379M0000	1/1
	800	1x30x10	PBNE1080	1STQ003791B0000	PBNE1080A	1STQ001382M0000	1/1
	850	1x30x10	PBNE1085	1STQ003792B0000	PBNE1085A	1STQ001385M0000	1/1
	1000	1x30x10	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/1
	1100	1x30x10	PBNE1011	1STQ003794B0000	PBNE1011A	1STQ001368M0000	1/1
	1200	1x30x10	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/1
	1350	1x30x10	PBNE1013	1STQ003796B0000	PBNE1013A	1STQ001370M0000	1/1
1250A	350	1x30x10	PBNE1035	1STQ003787B0000	PBNE1035A	1STQ001373M0000	1/1
	400	1x30x10	PBNE1040	1STQ003788B0000	PBNE1040A	1STQ001374M0000	1/1
	500	1x30x10	PBNE1050	1STQ003789B0000	PBNE1050A	1STQ001376M0000	1/1
	600	1x30x10	PBNE1060	1STQ003790B0000	PBNE1060A	1STQ001379M0000	1/1
	800	1x30x10	PBNE1080	1STQ003791B0000	PBNE1080A	1STQ001382M0000	1/1
	850	1x30x10	PBNE1085	1STQ003792B0000	PBNE1085A	1STQ001385M0000	1/1
	1000	1x30x10	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/1
	1100	1x30x10	PBNE1011	1STQ003794B0000	PBNE1011A	1STQ001368M0000	1/1
	1200	1x30x10	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/1
	1350	1x30x10	PBNE1013	1STQ003796B0000	PBNE1013A	1STQ001370M0000	1/1
1600A	350	1x30x10	PBNE1035	1STQ003787B0000	PBNE1035A	1STQ001373M0000	1/1
	400	1x30x10	PBNE1040	1STQ003788B0000	PBNE1040A	1STQ001374M0000	1/1
	500	1x30x10	PBNE1050	1STQ003789B0000	PBNE1050A	1STQ001376M0000	1/1
	600	1x30x10	PBNE1060	1STQ003790B0000	PBNE1060A	1STQ001379M0000	1/1
	800	1x30x10	PBNE1080	1STQ003791B0000	PBNE1080A	1STQ001382M0000	1/1
	850	1x30x10	PBNE1085	1STQ003792B0000	PBNE1085A	1STQ001385M0000	1/1
	1000	1x30x10	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/1
	1100	1x30x10	PBNE1011	1STQ003794B0000	PBNE1011A	1STQ001368M0000	1/1
	1200	1x30x10	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/1
	1350	1x30x10	PBNE1013	1STQ003796B0000	PBNE1013A	1STQ001370M0000	1/1
2000A	350	1x30x10	PBNE1035	1STQ003787B0000	PBNE1035A	1STQ001373M0000	1/1
	400	1x30x10	PBNE1040	1STQ003788B0000	PBNE1040A	1STQ001374M0000	1/1
	500	1x30x10	PBNE1050	1STQ003789B0000	PBNE1050A	1STQ001376M0000	1/1
	600	1x30x10	PBNE1060	1STQ003790B0000	PBNE1060A	1STQ001379M0000	1/1
	800	1x30x10	PBNE1080	1STQ003791B0000	PBNE1080A	1STQ001382M0000	1/1
	850	1x30x10	PBNE1085	1STQ003792B0000	PBNE1085A	1STQ001385M0000	1/1
	1000	1x30x10	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/1
	1100	1x30x10	PBNE1011	1STQ003794B0000	PBNE1011A	1STQ001368M0000	1/1
	1200	1x30x10	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/1
	1350	1x30x10	PBNE1013	1STQ003796B0000	PBNE1013A	1STQ001370M0000	1/1
2500A	350	1X40X10	PBNE1635	1STQ003797B0000	PBNE1635A	1STQ001397M0000	1/1
	400	1X40X10	PBNE1640	1STQ003798B0000	PBNE1640A	1STQ001398M0000	1/1
	500	1X40X10	PBNE1650	1STQ003799B0000	PBNE1650A	1STQ001399M0000	1/1
	600	1X40X10	PBNE1660	1STQ003800B0000	PBNE1660A	1STQ001400M0000	1/1
	800	1X40X10	PBNE1680	1STQ003801B0000	PBNE1680A	1STQ001401M0000	1/1
	850	1X40X10	PBNE1685	1STQ003802B0000	PBNE1685A	1STQ001402M0000	1/1
	1000	1X40X10	PBNE1610	1STQ003803B0000	PBNE1610A	1STQ001393M0000	1/1
	1100	1X40X10	PBNE1611	1STQ003804B0000	PBNE1611A	1STQ001394M0000	1/1
	1200	1X40X10	PBNE1612	1STQ003805B0000	PBNE1612A	1STQ001395M0000	1/1
	1350	1X40X10	PBNE1613	1STQ003806B0000	PBNE1613A	1STQ001396M0000	1/1

CONTINUES

Main busbars

Order codes

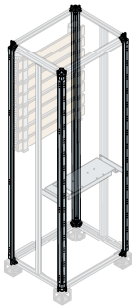
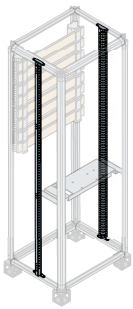
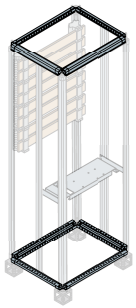
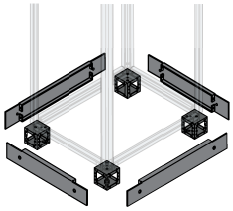


Earth busbars

With a minimum section of 30x10mm it covers the applications until 6300A with 1/4 of the main busbars section.

MBB rating In (A)	Column W (external)	Busbar section (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
			Type	Order code	Type	Order code	
PE busbar							
3200A	350	1X40X10	PBNE1635	1STQ003797B0000	PBNE1635A	1STQ001397M0000	1/1
	400	1X40X10	PBNE1640	1STQ003798B0000	PBNE1640A	1STQ001398M0000	1/1
	500	1X40X10	PBNE1650	1STQ003799B0000	PBNE1650A	1STQ001399M0000	1/1
	600	1X40X10	PBNE1660	1STQ003800B0000	PBNE1660A	1STQ001400M0000	1/1
	800	1X40X10	PBNE1680	1STQ003801B0000	PBNE1680A	1STQ001401M0000	1/1
	850	1X40X10	PBNE1685	1STQ003802B0000	PBNE1685A	1STQ001402M0000	1/1
	1000	1X40X10	PBNE1610	1STQ003803B0000	PBNE1610A	1STQ001393M0000	1/1
	1100	1X40X10	PBNE1611	1STQ003804B0000	PBNE1611A	1STQ001394M0000	1/1
	1200	1X40X10	PBNE1612	1STQ003805B0000	PBNE1612A	1STQ001395M0000	1/1
	1350	1X40X10	PBNE1613	1STQ003806B0000	PBNE1613A	1STQ001396M0000	1/1
4000A	350	1X60X10	PBNE2035	1STQ003807B0000	PBNE2035A	1STQ001407M0000	1/1
	400	1X60X10	PBNE2040	1STQ003808B0000	PBNE2040A	1STQ001408M0000	1/1
	500	1X60X10	PBNE2050	1STQ003809B0000	PBNE2050A	1STQ001409M0000	1/1
	600	1X60X10	PBNE2060	1STQ003810B0000	PBNE2060A	1STQ001410M0000	1/1
	800	1X60X10	PBNE2080	1STQ003811B0000	PBNE2080A	1STQ001411M0000	1/1
	850	1X60X10	PBNE2085	1STQ003812B0000	PBNE2085A	1STQ001412M0000	1/1
	1000	1X60X10	PBNE2010	1STQ003813B0000	PBNE2010A	1STQ001403M0000	1/1
	1100	1X60X10	PBNE2011	1STQ003814B0000	PBNE2011A	1STQ001404M0000	1/1
	1200	1X60X10	PBNE2012	1STQ003815B0000	PBNE2012A	1STQ001405M0000	1/1
	1350	1X60X10	PBNE2013	1STQ003816B0000	PBNE2013A	1STQ001406M0000	1/1
5000A	350	2x60x10	PBNE4035	1STQ003827B0000	PBNE4035A	1STQ001429M0000	1/1
	400	2x60x10	PBNE4040	1STQ003828B0000	PBNE4040A	1STQ001430M0000	1/1
	500	2x60x10	PBNE4050	1STQ003829B0000	PBNE4050A	1STQ001431M0000	1/1
	600	2x60x10	PBNE4060	1STQ003830B0000	PBNE4060A	1STQ001432M0000	1/1
	800	2x60x10	PBNE4080	1STQ003831B0000	PBNE4080A	1STQ001433M0000	1/1
	850	2x60x10	PBNE4085	1STQ003832B0000	PBNE4085A	1STQ001434M0000	1/1
	1000	2x60x10	PBNE4010	1STQ003833B0000	PBNE4010A	1STQ001424M0000	1/1
	1100	2x60x10	PBNE4011	1STQ003834B0000	PBNE4011A	1STQ001425M0000	1/1
	1200	2x60x10	PBNE4012	1STQ003835B0000	PBNE4012A	1STQ001426M0000	1/1
	1350	2x60x10	PBNE4013	1STQ003836B0000	PBNE4013A	1STQ001427M0000	1/1
6300A	350	2x60x10	PBNE4035	1STQ003827B0000	PBNE4035A	1STQ001429M0000	1/1
	400	2x60x10	PBNE4040	1STQ003828B0000	PBNE4040A	1STQ001430M0000	1/1
	500	2x60x10	PBNE4050	1STQ003829B0000	PBNE4050A	1STQ001431M0000	1/1
	600	2x60x10	PBNE4060	1STQ003830B0000	PBNE4060A	1STQ001432M0000	1/1
	800	2x60x10	PBNE4080	1STQ003831B0000	PBNE4080A	1STQ001433M0000	1/1
	850	2x60x10	PBNE4085	1STQ003832B0000	PBNE4085A	1STQ001434M0000	1/1
	1000	2x60x10	PBNE4010	1STQ003833B0000	PBNE4010A	1STQ001424M0000	1/1
	1100	2x60x10	PBNE4011	1STQ003834B0000	PBNE4011A	1STQ001425M0000	1/1
	1200	2x60x10	PBNE4012	1STQ003835B0000	PBNE4012A	1STQ001426M0000	1/1
	1350	2x60x10	PBNE4013	1STQ003836B0000	PBNE4013A	1STQ001427M0000	1/1

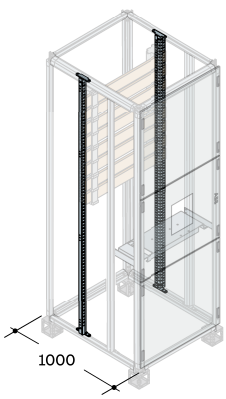
Vertical circuit breaker kits
Quick selection guide

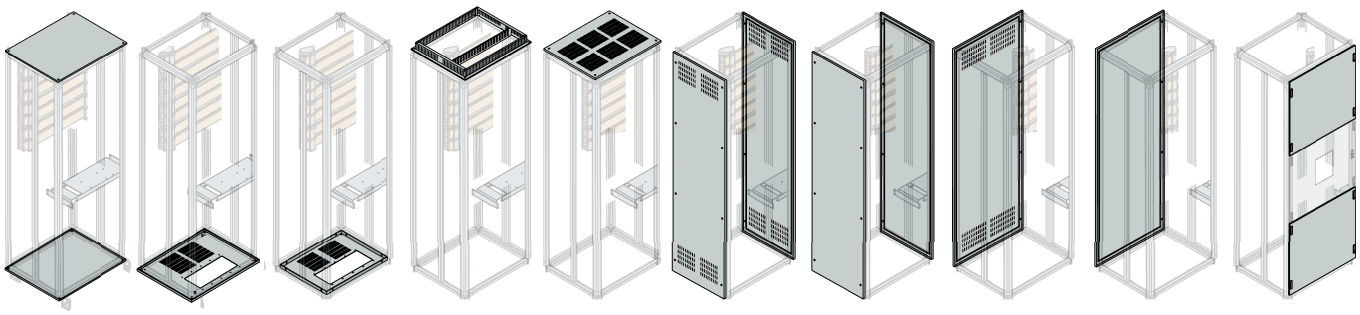





FRAME														
Functional dimensions			External dimensions			Uprights		Intermediate uprights for internal mounting kits and busbars *		Structure crosspieces Galvanized sheet metal		H=100mm plinth	Plinth flanges	
H (mm)	W (mm)	D (mm)	H (mm)	W (mm)	D (mm)	Galvanized sheet metal	Stainless steel	Galvanized sheet metal	Stainless steel	Front/Rear	Side	Angle pieces	Front/ Rear	Side
2000	300	500	2200	400	600	PUPM2001	PUPS2001	PUPM2011	PUPS2011	PCFM0300	PCFM0500	PPAM0100	PPFM1030	PPFM1050
		700			800						PCFM0700			PPFM1070
		900			1000						PCFM0900			PPFM1090
	400	500		500	600					PCFM0400	PCFM0500	PPAM0100	PPFM1040	PPFM1050
		700			800						PCFM0700			PPFM1070
		900			1000						PCFM0900			PPFM1090
	500	500		600	600					PCFM0500	PCFM0500	PPAM0100	PPFM1050	PPFM1050
		700			800						PCFM0700			PPFM1070
		900			1000						PCFM0900			PPFM1090
	700	500		800	600					PCFM0700	PCFM0500	PPAM0100	PPFM1070	PPFM1050
		700			800						PCFM0700			PPFM1070
		900			1000						PCFM0900			PPFM1090
	900	500		1000	600					PCFM0900	PCFM0500	PPAM0100	PPFM1090	PPFM1050
		700			800						PCFM0700			PPFM1070
		900			1000						PCFM0900			PPFM1090
	1100	500		1200	600					PCFM1100	PCFM0500	PPAM0100	PPFM1100	PPFM1050
		700			800						PCFM0700			PPFM1070
		900			1000						PCFM0900			PPFM1090
	1250	500		1350	600					PCFM1350	PCFM0500	PPAM0100	PPFM1250	PPFM1050
		700			800						PCFM0700			PPFM1070
		900			1000						PCFM0900			PPFM1090

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* For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

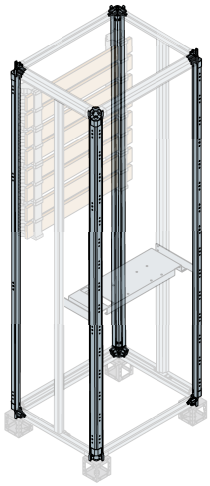




EXTERNAL COVERS

Top/bottom external panel	Bottom	Internal top/bottom	Elevated top	Aerated top	Side Panel		Rear Panel		Flat front blind panel top/ bottom
Blind	**Open**		**D=1000mm**	**D=1000mm**	**Areated**	**Blind**	**Areated**	**Blind**	**H=750mm**
PTBB3050	PTBO3050	PBWP3051			PPEA2051	PPEB2056	PPEA2031	PPEB2036	PPNT0630
PTBB3070	PTBO3070	PBWP3071			PPEA2071	PPEB2076			
PTBB3090	PTBO3090	PBWP3091	PKTE4010	PKTA4010	PPEA2091	PPEB2096			
PTBB4050	PTBB4051	PBWP4051			PPEA2051	PPEB2056	PPEA2041	PPEB2046	PPNT0640
PTBB4070	PTBB4071	PBWP4071			PPEA2071	PPEB2076			
PTBB4090	PTBB4091	PBWP4091	PKTE5010	PKTA5010	PPEA2091	PPEB2096			
PTBB5057	PTBB5051	PBWP5051			PPEA2051	PPEB2056	PPEA2051	PPEB2056	PPNT0650
PTBB5070	PTBB5071	PBWP1170			PPEA2071	PPEB2076			
PTBB5090	PTBB5091	PBWP1150	PKTE6010	PKTA6010	PPEA2091	PPEB2096			
PTBB5070	PTBB7051	PBWP1170			PPEA2051	PPEB2056	PPEA2071	PPEB2076	PPNT0670
PTBB7072	PTBB7071	PBWP7071			PPEA2071	PPEB2076			
PTBB7092	PTBB7091	PBWP7091	PKTE8010	PKTA8010	PPEA2091	PPEB2096			
PTBB5090	PTBB9051	PBWP1150			PPEA2051	PPEB2056	PPEA2091	PPEB2096	PPNT0690
PTBB9070	PTBB9071	PBWP9071			PPEA2071	PPEB2076			
PTBB9092	PTBB9091	PBWP9091	PKTE1010	PKTA1010	PPEA2091	PPEB2096			
PTBB1150	PTBB1151	PBWP1151			PPEA2051	PPEB2056	PPEA2012	PPEB2012	PPNT0611
PTBB1170	PTBB1171	PBWP1171			PPEA2071	PPEB2076			
PTBB1190	PTBB1191	PBWP1191	PKTE1210	PKTA1210	PPEA2091	PPEB2096			
PTBB1250	PTBB1251	PBWP1251			PPEA2051	PPEB2056	PPEA2013 + PPEA2014	PPEB2013 + PPEB2014	
PTBB1270	PTBB1271	PBWP1271			PPEA2071	PPEB2076			
PTBB1290	PTBB1291	PBWP1291	PKTE1310	PKTA1310	PPEA2091	PPEB2096			

Vertical circuit breaker kits
Order codes - Frame



Uprights – Galvanized sheet metal
Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

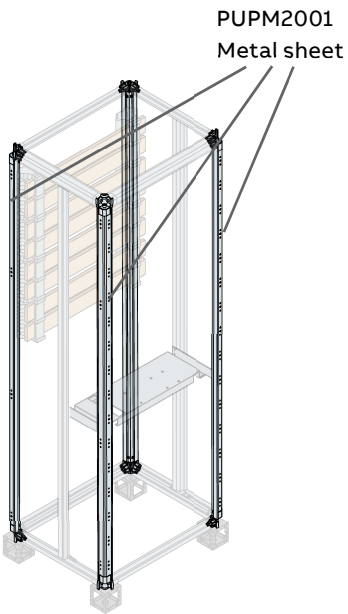
External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.4 galvanized sheet metal uprights					
2200	PUPM2001	1STQ003353B0000	PUPM2001A	1STQ002875M0000	1/4

Uprights – Stainless steel
The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In >4000A.

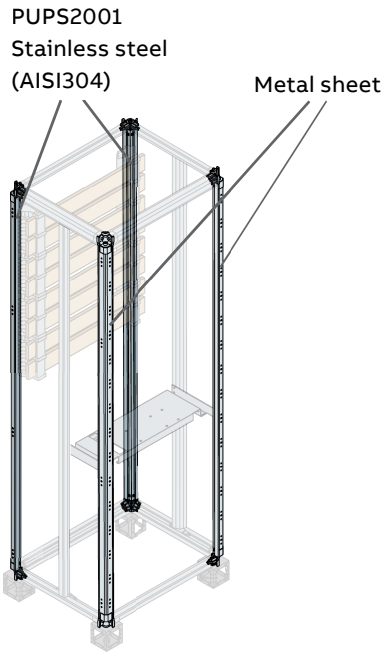
External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.2 stainless steel uprights and no.2 galvanized sheet metal uprights					
2200	PUPS2001	1STQ003354B0000	PUPS2001A	1STQ002878M0000	1/4

Examples of use

Galvanized sheet metal In ≤4000A

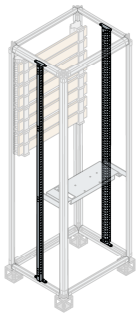


Uprights for enclosure In>4000A



Vertical circuit breaker kits

Order codes - Frame

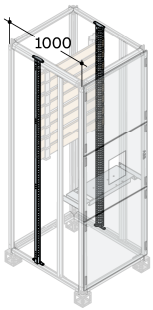


Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 galvanized sheet metal upright					
2200	PUPM2011	1STQ003355B0000	PUPM2011A	1STQ002877M0000	1/1

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



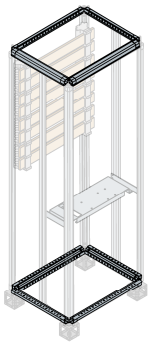
Intermediate upright for internal mounting kits and busbars – Stainless steel

Upright formed by a closed profile made of stainless steel. For applications with In >4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 stainless steel metal upright					
2200	PUPS2011	1STQ003703B0000	PUPS2011A	1STQ002879M0000	1/1

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For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



Structure crosspieces – Galvanized sheel metal

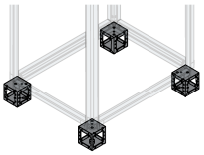
Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 width crosspieces						
400		PCFM0300	1STQ007037A0000	PCFM0300A	1STQ001678M0000	1/4
500		PCFM0400	1STQ007038A0000	PCFM0400A	1STQ001679M0000	1/4
600		PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
800		PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
1000		PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4
1200		PCFM1100	1STQ003356B0000	PCFM1100A	1STQ001685M0000	1/4
1350		PCFM1250	1STQ007044A0000	PCFM1250A	1STQ001686M0000	1/4
No.4 depth crosspieces						
	600	PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
	800	PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
	1000	PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4

Vertical circuit breaker kits

Order codes - Frame

PPAM0100



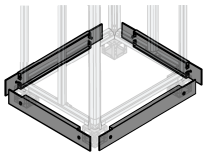
Universal angle pieces for plinths in galvanized sheet metal

Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000	PPAM0100A	1STQ002406M0000	1/4

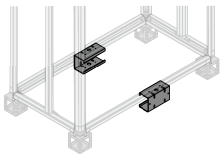
Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.



External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 front/rear plinth flanges						
400		PPFM1030	1STQ007050A0000	PPFM1030A	1STQ002431M0000	1/2
500		PPFM1040	1STQ007051A0000	PPFM1040A	1STQ002432M0000	1/2
600		PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
800		PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
1000		PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2
1200		PPFM1100	1STQ003357B0000	PPFM1100A	1STQ002437M0000	1/2
1350		PPFM1250	1STQ007057A0000	PPFM1250A	1STQ002438M0000	1/4
No.2 side plinth flanges						
	600	PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
	800	PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
	1000	PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2

PPIM0100



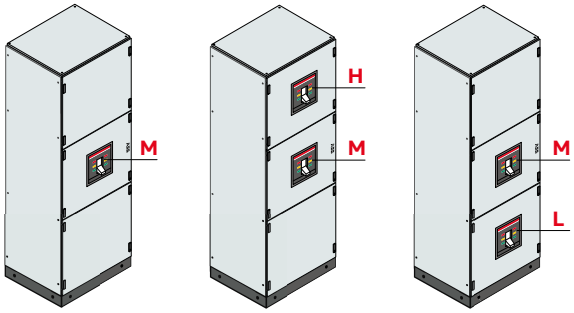
Intermediate plinth

Intermediate plinth only for structures W=1250mm

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 intermediate plinths					
100	PPIM0100	1STQ007208A0000	PPIM0100A	1STQ002439M0000	1/2

Vertical circuit breaker kits

Order codes for structure with partial doors



Breaker kits for single breaker and coupler section
The following kits contain: partial door, crosspieces for partial door, fixing elements.
For High/Low breakers the codes comprehend only the kit for High/low installation.
For the Middle breaker order the corresponding stand-alone kit (e.g. Tmax T6 800A Fixed 3 poles W400 one breaker in the middle and one ontop: order PVHT0431 + PVHT0432).

Breaker In (A)	Execution	No. of pole	Column W (mm)	Breaker per column (M, L/H position)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
						Type	Order code	Type	Order code	
Tmax T5 - HR terminal										
400A	F	3	400	1M	C	PVHT0430	1STQ003548B0000	PVHT0430A	1STQ002898M0000	1/1
			500		S	PVHT0540	1STQ003549B0000	PVHT0540A	1STQ002913M0000	1/1
		4	500	1M	C-S	PVHT0540	1STQ003549B0000	PVHT0540A	1STQ002913M0000	1/1
	W	3	400	1M	C	PVWT0430	1STQ003550B0000	PVWT0430A	1STQ002942M0000	1/1
		4	500	1M	C-S	PVWT0540	1STQ003551B0000	PVWT0540A	1STQ002949M0000	1/1
Tmax T6 - HR terminal										
630A 800A 1000A (*)	F	3	400	1M	C	PVHT0431	1STQ003552B0000	PVHT0431A	1STQ002899M0000	1/1
			500		S	PVHT0531	1STQ005310B0000	PVHT0531A	1STQ002906M0000	1/1
			400	1H	C	PVHT0432	1STQ003553B0000	PVHT0432A	1STQ002900M0000	1/1
			500		S	PVHT0532	1STQ005311B0000	PVHT0532A	1STQ002907M0000	1/1
			400	1L	C	PVHT0433	1STQ003554B0000	PVHT0433A	1STQ002901M0000	1/1
			500		S	PVHT0533	1STQ005312B0000	PVHT0533A	1STQ002908M0000	1/1
		4	600	1M	C-S	PVHT0640	1STQ003555B0000	PVHT0640A	1STQ002914M0000	1/1
	W	3	500	1M	C-S	PVWT0530	1STQ003556B0000	PVWT0530A	1STQ002943M0000	1/1
			500	1H	C-S	PVWT0531	1STQ003557B0000	PVWT0531A	1STQ002944M0000	1/1
			500	1L	C-S	PVWT0532	1STQ003558B0000	PVWT0532A	1STQ002945M0000	1/1
		4	600	1M	C-S	PVWT0640	1STQ003559B0000	PVWT0640A	1STQ002950M0000	1/1
Tmax T7 - HR terminal										
800A 1000A 1250A 1600A	F	3	400	1M	C	PVHT0434	1STQ003560B0000	PVHT0434A	1STQ002902M0000	1/1
			500		S	PVHT0530	1STQ004781B0000	PVHT0530A	1STQ002905M0000	1/1
			400	1H	C	PVHT0435	1STQ003561B0000	PVHT0435A	1STQ002903M0000	1/1
			500		S	PVHT0534	1STQ005313B0000	PVHT0534A	1STQ002909M0000	1/1
			400	1L	C	PVHT0436	1STQ003562B0000	PVHT0436A	1STQ002904M0000	1/1
			500		S	PVHT0535	1STQ005314B0000	PVHT0535A	1STQ002910M0000	1/1
		4	600	1M	C-S	PVHT0641	1STQ003563B0000	PVHT0641A	1STQ002915M0000	1/1
	W	3	500	1M	C-S	PVWT0533	1STQ003564B0000	PVWT0533A	1STQ002946M0000	1/1
			500	1H	C-S	PVWT0534	1STQ003565B0000	PVWT0534A	1STQ002947M0000	1/1
			500	1L	C-S	PVWT0535	1STQ003566B0000	PVWT0535A	1STQ002948M0000	1/1
		4	600	1M	C-S	PVWT0641	1STQ003567B0000	PVWT0641A	1STQ002951M0000	1/1
Emax E1.2 - HR terminal										
1000A 1250A 1600A	F	3	400	1M	C	PVHE0437	1STQ003568B0000	PVHE0437A	1STQ002880M0000	1/1
			500		S	PVHE0533	1STQ004782B0000	PVHE0533A	1STQ002886M0000	1/1
			400	1H	C	PVHE0438	1STQ003569B0000	PVHE0438A	1STQ002881M0000	1/1
			500		S	PVHT0536	1STQ005315B0000	PVHT0536A	1STQ002911M0000	1/1
			400	1L	C	PVHE0439	1STQ003570B0000	PVHE0439A	1STQ002882M0000	1/1
			500		S	PVHT0537	1STQ005316B0000	PVHT0537A	1STQ002912M0000	1/1
		4	600	1M	C-S	PVHE0642	1STQ003571B0000	PVHE0642A	1STQ002888M0000	1/1
	W	3	500	1M	C-S	PVWE0536	1STQ003572B0000	PVWE0536A	1STQ002923M0000	1/1
			500	1H	C-S	PVWE0537	1STQ003573B0000	PVWE0537A	1STQ002924M0000	1/1
			500	1L	C-S	PVWE0538	1STQ003574B0000	PVWE0538A	1STQ002925M0000	1/1
		4	600	1M	C-S	PVWE0642	1STQ003575B0000	PVWE0642A	1STQ002929M0000	1/1

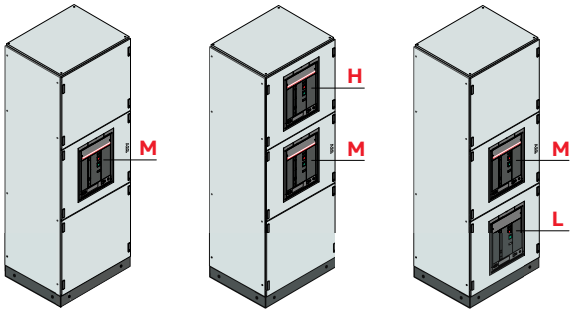
CONTINUES

(*) = only fixed version

Key:
F = fixed / W = withdrawable / M = middle position / H = high position / L = low position
C = compact busbars / S = shifted busbars

Vertical circuit breaker kits

Order codes for structure with partial doors



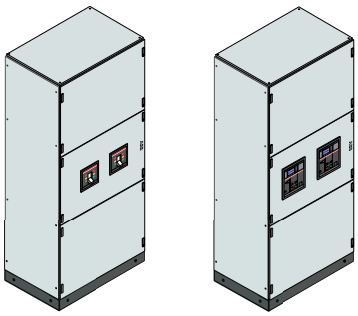
Breaker kits for single breaker and coupler section
The following kits contain: partial door, crosspieces for partial door, fixing elements.
For High/Low breakers the codes comprehend only the kit for High/low installation.
For the Middle breaker order the corresponding stand-alone kit (e.g. Tmax T6 800A Fixed 3 poles W400 one breaker in the middle and one on top: order PVHT0431 + PVHT0432).

Breaker In (A)	Execution	No. of pole	Column W (mm)	Breaker per column (M, L/H position)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
						Type	Order code	Type	Order code	
Emax E2.2 - HR terminal										
1600A 2000A 2500A	F	3	500	1M	C-S	PVHE0530	1STQ003576B0000	PVHE0530A	1STQ002883M0000	1/1
			500	1H	C-S	PVHE0531	1STQ003577B0000	PVHE0531A	1STQ002884M0000	1/1
			500	1L	C-S	PVHE0532	1STQ003578B0000	PVHE0532A	1STQ002885M0000	1/1
		4	600	1M	C-S	PVHE0643	1STQ003579B0000	PVHE0643A	1STQ002889M0000	1/1
	W	3	500	1M	C-S	PVWE0539	1STQ003580B0000	PVWE0539A	1STQ002926M0000	1/1
		4	600	1M	C-S	PVWE0643	1STQ003581B0000	PVWE0643A	1STQ002930M0000	1/1
Emax E4.2 - HR terminal										
2500A 3200A	F	3	600	1M	C	PVHE0630	1STQ003582B0000	PVHE0630A	1STQ002887M0000	1/1
			800		S	PVHE0840	1STQ003583B0000	PVHE0840A	1STQ002890M0000	1/1
		4	800	1M	C-S	PVHE0840	1STQ003583B0000	PVHE0840A	1STQ002890M0000	1/1
2500A 3200A	W	3	600	1M	C	PVWE0630	1STQ003584B0000	PVWE0630A	1STQ002927M0000	1/1
			800		S	PVWE0840	1STQ003585B0000	PVWE0840A	1STQ002931M0000	1/1
		4	800	1M	C-S	PVWE0840	1STQ003585B0000	PVWE0840A	1STQ002931M0000	1/1
4000A	W	3	600	1M	C	PVWE0631	1STQ003586B0000	PVWE0631A	1STQ002928M0000	1/1
			800		S	PVWE0841	1STQ003587B0000	PVWE0841A	1STQ002932M0000	1/1
		4	800	1M	C-S	PVWE0841	1STQ003587B0000	PVWE0841A	1STQ002932M0000	1/1
Emax E6.2 - HR terminal										
5000A	F	3	1000	1M	C-S	PVHE1030	1STQ003588B0000	PVHE1030A	1STQ002891M0000	1/1
		4 FS/HS	1200	1M	C	PVHE1240	1STQ003589B0000	PVHE1240A	1STQ002893M0000	1/1
			1350		S	PVHE1341	1STQ005438B0000	PVHE1341A	1STQ002896M0000	1/1
6300A	F	3	1000	1M	C-S	PVHE1031	1STQ004285B0000	PVHE1031A	1STQ002892M0000	1/1
		4 FS/HS	1200	1M	C	PVHE1241	1STQ004286B0000	PVHE1241A	1STQ002894M0000	1/1
			1350		S	PVHE1340	1STQ004644B0000	PVHE1340A	1STQ002895M0000	1/1
5000A	W	3	1000	1M	C-S	PVWE1030	1STQ003590B0000	PVWE1030A	1STQ002933M0000	1/1
		4 FS/HS	1200	1M	C	PVWE1240	1STQ003591B0000	PVWE1240A	1STQ002937M0000	1/1
			1350		S	PVWE1350	1STQ004646B0000	PVWE1350A	1STQ002939M0000	1/1
6300A	W	3	1000	1M	C-S	PVWE1031	1STQ003592B0000	PVWE1031A	1STQ002934M0000	1/1
		4 FS/HS	1200	1M	C	PVWE1241	1STQ003593B0000	PVWE1241A	1STQ002938M0000	1/1
			1350		S	PVWE1363	1STQ004645B0000	PVWE1363A	1STQ002940M0000	1/1

—
For installation of Emax E4.2 performance level V and Emax E6.2 performance X, select only the kit for 4000A.
Key:
F = fixed / W = withdrawable /M = middle position / H = high position / L = low position
C = compact busbars / S = shifted busbars

Vertical circuit breaker kits

Order codes - Side by side breaker kits for structure with partial doors

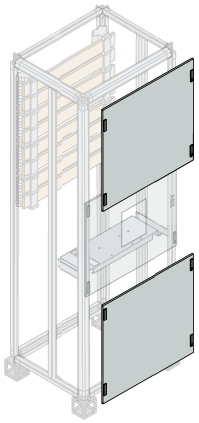


Breaker kits for side by side breakers
The following kits contain: partial door, crosspieces for partial door, fixing elements.
For High/Low breakers the codes comprehend only the kit for High/low installation. For the Middle breaker order the corresponding stand-alone kit (e.g. Tmax T6 800A Fixed 3 poles W400 one breaker in the middle and one on top: order PVHT0431 + PVHT0432).

SHIFTED/COMPACT BUSBARS					Delivered in kit		Delivered assembled		
Breaker In (A)	Execution	No. of pole	Column W (mm)	Breakers per column	Type	Order code	Type	Order code	Package/ No. pcs
Kit for Tmax T5 - HR terminal									
400A	F	3	600	**2**	PVHT1630	1STQ003943B0000	PVHT1630A	1STQ002920M0000	1/1
	W	3	600	**2**	PVWT1630	1STQ003944B0000	PVWT1630A	1STQ002955M0000	1/1
	F	3	800	**3**	PVHT1133	1STQ003947B0000	PVHT1133A	1STQ002917M0000	1/1
	W	3	1000	**3**	PVWT1132	1STQ003945B0000	PVWT1132A	1STQ002952M0000	1/1
Kit for Tmax T6 - HR terminal									
630A 800A 1000A	F	3	800	**2**	PVHT1831	1STQ003949B0000	PVHT1831A	1STQ002921M0000	1/1
	W	3	800	**2**	PVWT1831	1STQ003950B0000	PVWT1831A	1STQ002956M0000	1/1
	F	4	800	**2**	PVHT1140	1STQ003952B0000	PVHT1140A	1STQ002918M0000	1/1
	W	4	1000	**2**	PVWT1140	1STQ003954B0000	PVWT1140A	1STQ002953M0000	1/1
	F	3	1000	**3**	PVHT1131	1STQ003955B0000	PVHT1131A	1STQ002916M0000	1/1
Kit for Tmax T7 - R terminal									
800A 1000A 1250A 1600A	F	3	800	**2**	PVHT1832	1STQ003958B0000	PVHT1832A	1STQ002922M0000	1/1
	W	3	800	**2**	PVWT1842	1STQ003959B0000	PVWT1842A	1STQ002957M0000	1/1
	F	4	1000	2	PVHT1142	1STQ003961B0000	PVHT1142A	1STQ002919M0000	1/1
	W	4	1000	**2**	PVWT1141	1STQ003963B0000	PVWT1141A	1STQ002954M0000	1/1
Kit for Emax E1.2 - HR terminal									
1000A 1250A 1600A	F	3	800	**2**	PVHE1830	1STQ003967B0000	PVHE1830A	1STQ002897M0000	1/1
	W	3	800	2	PVWE1840	1STQ003968B0000	PVWE1840A	1STQ002941M0000	1/1
	F	4	1000	**2**	PVWE1141	1STQ003970B0000	PVWE1141A	1STQ002936M0000	1/1
	W	4	1000	2	PVWE1140	1STQ003972B0000	PVWE1140A	1STQ002935M0000	1/1

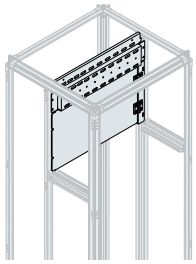
Vertical circuit breaker kits

Order codes - Cover kits



Panels to cover top/bottom compartments for structure with partial doors

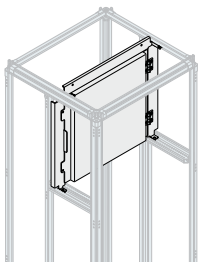
External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
No.1 flat front blind panel top/bottom						
750	400	PPNT0630	1STQ003666B0000	PPNT0630A	1STQ002467M0000	1/1
750	500	PPNT0640	1STQ003667B0000	PPNT0640A	1STQ002468M0000	1/1
750	600	PPNT0650	1STQ003668B0000	PPNT0650A	1STQ002469M0000	1/1
750	800	PPNT0670	1STQ003670B0000	PPNT0670A	1STQ002470M0000	1/1
750	1000	PPNT0690	1STQ003672B0000	PPNT0690A	1STQ002471M0000	1/1
750	1200	PPNT0611	1STQ003675B0000	PPNT0611A	1STQ002465M0000	1/1
750	1350	PPNT0613	1STQ005270B0000	PPNT0613A	1STQ002466M0000	1/1

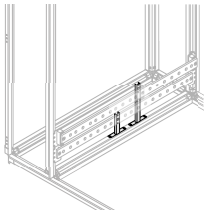


Top/bottom compartment: fixed and adjustable position rear shelves

They can be mounted in the top/bottom compartment if cable connections and N/PE bars are not present.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Fixed rear shelf						
700	400	PSVF7040	1STQ003128B0000	PSVF7040A	1STQ002667M0000	1/1
700	500	PSVF7050	1STQ003129B0000	PSVF7050A	1STQ002668M0000	1/1
700	600	PSVF7060	1STQ003130B0000	PSVF7060A	1STQ002669M0000	1/1
700	800	PSVF7080	1STQ003131B0000	PSVF7080A	1STQ002670M0000	1/1
700	1000	PSVF7010	1STQ003132B0000	PSVF7010A	1STQ002664M0000	1/1
700	1200	PSVF7012	1STQ003133B0000	PSVF7012A	1STQ002665M0000	1/1
700	1350	PSVF7013	1STQ003134B0000	PSVF7013A	1STQ002666M0000	1/1
Adjustable rear shelf						
700	400	PSVH7040	1STQ003142B0000	PSVH7040A	1STQ002682M0000	1/4
700	500	PSVH7050	1STQ003143B0000	PSVH7050A	1STQ002683M0000	1/4
700	600	PSVH7060	1STQ003144B0000	PSVH7060A	1STQ002684M0000	1/4
700	800	PSVH7080	1STQ003145B0000	PSVH7080A	1STQ002685M0000	1/4
700	1000	PSVH7010	1STQ003146B0000	PSVH7010A	1STQ002679M0000	1/4
700	1200	PSVH7012	1STQ003147B0000	PSVH7012A	1STQ002680M0000	1/4
700	1350	PSVH7013	1STQ003148B0000	PSVH7013A	1STQ002681M0000	1/4





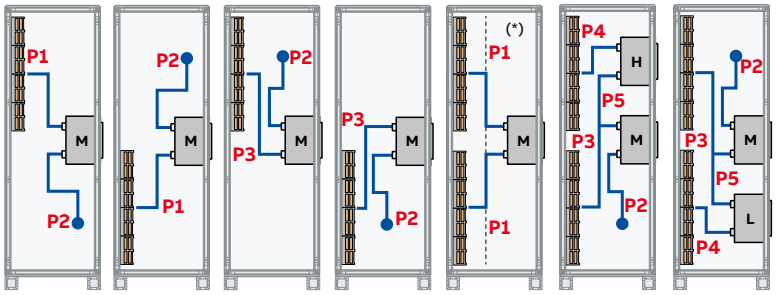
Reinforcement bracket for N/PE busbars

Suggested for N/PE busbars in structures W=1350mm. For one N busbar order two pieces of ZX563.

	Delivered in kit		Delivered assembled		Package/
Description	**Type**	**Order code**	**Type**	**Order code**	**No. pcs**
Reinforcement bracket for PE busbar	PBRP0004	1STQ004216B0000	PBRP0004A	1STQ001499M0000	1/1
Reinforcement bracket for N busbar	PBRN0003	1STQ003150B0000	PBRN0003A	1STQ001497M0000	1/1

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Tmax T5 Fixed									
P1	400A	3P	600	C	PJFT504316	1STQ002623B0000	PJFT504316A	1STQ002026M0000	1/1
		3P	600	S	PSFT504316	1STQ004689B0000	PSFT504316A	1STQ002548M0000	1/1
		3P	800/1000	C	PJFT504318	1STQ002629B0000	PJFT504318A	1STQ002027M0000	1/1
		3P	800/1000	S	PSFT504318	1STQ004691B0000	PSFT504318A	1STQ002549M0000	1/1
		4P	600	C-S	PJFT504116	1STQ002625B0000	PJFT504116A	1STQ002021M0000	1/1
		4P	800/1000	C-S	PJFT504118	1STQ002631B0000	PJFT504118A	1STQ002022M0000	1/1
P2	400A	3P	600/800/1000	C	PJFT504326	1STQ002635B0000	PJFT504326A	1STQ002028M0000	1/1
		3P	600/800/1000	S	PSFT504326	1STQ004693B0000	PSFT504326A	1STQ002550M0000	1/1
		4P	600/800/1000	C-S	PJFT504126	1STQ002637B0000	PJFT504126A	1STQ002023M0000	1/1
P3	400A	3P	600	C	PJFT504336	1STQ002647B0000	PJFT504336A	1STQ002029M0000	1/1
		3P	600	S	PSFT504336	1STQ004697B0000	PSFT504336A	1STQ002551M0000	1/1
		3P	800/1000	C	PJFT504338	1STQ002653B0000	PJFT504338A	1STQ002030M0000	1/1
		3P	800/1000	S	PSFT504338	1STQ004699B0000	PSFT504338A	1STQ002552M0000	1/1
		4P	600	C-S	PJFT504136	1STQ002649B0000	PJFT504136A	1STQ002024M0000	1/1
		4P	800/1000	C-S	PJFT504138	1STQ002655B0000	PJFT504138A	1STQ002025M0000	1/1
Tmax T5 Withdrawable									
P1	400A	3P	600	C	PJWT504316	1STQ002624B0000	PJWT504316A	1STQ002262M0000	1/1
		3P	600	S	PSWT504316	1STQ004690B0000	PSWT504316A	1STQ002744M0000	1/1
		3P	800/1000	C	PJWT504318	1STQ002630B0000	PJWT504318A	1STQ002263M0000	1/1
		3P	800/1000	S	PSWT504318	1STQ004692B0000	PSWT504318A	1STQ002745M0000	1/1
		4P	600	C-S	PJWT504116	1STQ002626B0000	PJWT504116A	1STQ002257M0000	1/1
		4P	800/1000	C-S	PJWT504118	1STQ002632B0000	PJWT504118A	1STQ002258M0000	1/1
P2	400A	3P	600/800/1000	C	PJWT504326	1STQ002636B0000	PJWT504326A	1STQ002264M0000	1/1
		3P	600/800/1000	S	PSWT504326	1STQ004694B0000	PSWT504326A	1STQ002746M0000	1/1
		4P	600/800/1000	C-S	PJWT504126	1STQ002638B0000	PJWT504126A	1STQ002259M0000	1/1
P3	400A	3P	600	C	PJWT504336	1STQ002648B0000	PJWT504336A	1STQ002265M0000	1/1
		3P	600	S	PSWT504336	1STQ004698B0000	PSWT504336A	1STQ002747M0000	1/1
		3P	800/1000	C	PJWT504338	1STQ002654B0000	PJWT504338A	1STQ002266M0000	1/1
		3P	800/1000	S	PSWT504338	1STQ004700B0000	PSWT504338A	1STQ002748M0000	1/1
		4P	600	C-S	PJWT504136	1STQ002650B0000	PJWT504136A	1STQ002260M0000	1/1
		4P	800/1000	C-S	PJWT504138	1STQ002656B0000	PJWT504138A	1STQ002261M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

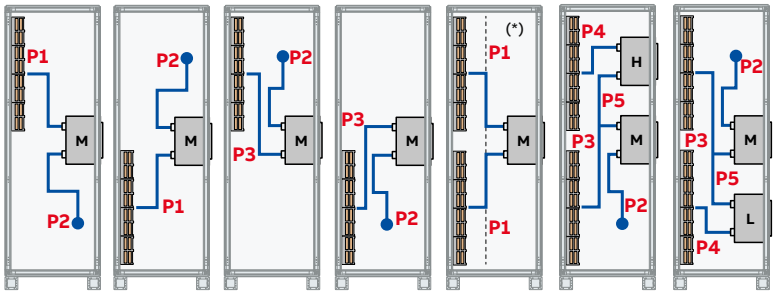
Order codes - Connection for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Tmax T6 Fixed									
P1	630A	3P	600	C	PJFT606316	1STQ002659B0000	PJFT606316A	1STQ002046M0000	1/1
		3P	600	S	PSFT606316	1STQ004701B0000	PSFT606316A	1STQ002553M0000	1/1
		3P	800/1000	C	PJFT606318	1STQ002674B0000	PJFT606318A	1STQ002047M0000	1/1
		3P	800/1000	S	PSFT606318	1STQ004704B0000	PSFT606318A	1STQ002554M0000	1/1
		4P	600	C-S	PJFT606116	1STQ002664B0000	PJFT606116A	1STQ002041M0000	1/1
		4P	800/1000	C-S	PJFT606118	1STQ002679B0000	PJFT606118A	1STQ002042M0000	1/1
P1	800A	3P	600	C	PJFT608316	1STQ002661B0000	PJFT608316A	1STQ002059M0000	1/1
		3P	600	S	PSFT608316	1STQ004702B0000	PSFT608316A	1STQ002558M0000	1/1
		3P	800/1000	C	PJFT608318	1STQ002676B0000	PJFT608318A	1STQ002060M0000	1/1
		3P	800/1000	S	PSFT608318	1STQ004705B0000	PSFT608318A	1STQ002559M0000	1/1
		4P	600	C-S	PJFT608116	1STQ002666B0000	PJFT608116A	1STQ002054M0000	1/1
		4P	800/1000	C-S	PJFT608118	1STQ002681B0000	PJFT608118A	1STQ002055M0000	1/1
P1	1000A	3P	600	C	PJFT610316	1STQ002663B0000	PJFT610316A	1STQ002072M0000	1/1
		3P	600	S	PSFT610316	1STQ004703B0000	PSFT610316A	1STQ002563M0000	1/1
		3P	800/1000	C	PJFT610318	1STQ002678B0000	PJFT610318A	1STQ002073M0000	1/1
		3P	800/1000	S	PSFT610318	1STQ004706B0000	PSFT610318A	1STQ002564M0000	1/1
		4P	600	C-S	PJFT610116	1STQ002668B0000	PJFT610116A	1STQ002067M0000	1/1
		4P	800/1000	C-S	PJFT610118	1STQ002683B0000	PJFT610118A	1STQ002068M0000	1/1
P2	630A	3P	600/800/1000	C	PJFT606326	1STQ002689B0000	PJFT606326A	1STQ002048M0000	1/1
		3P	600/800/1000	S	PSFT606326	1STQ004707B0000	PSFT606326A	1STQ002555M0000	1/1
		4P	600/800/1000	C-S	PJFT606126	1STQ002694B0000	PJFT606126A	1STQ002043M0000	1/1
	800A	3P	600/800/1000	C	PJFT608326	1STQ002691B0000	PJFT608326A	1STQ002061M0000	1/1
		3P	600/800/1000	S	PSFT608326	1STQ004708B0000	PSFT608326A	1STQ002560M0000	1/1
		4P	600/800/1000	C-S	PJFT608126	1STQ002696B0000	PJFT608126A	1STQ002056M0000	1/1
P2	1000A	3P	600/800/1000	C	PJFT610326	1STQ002693B0000	PJFT610326A	1STQ002074M0000	1/1
		3P	600/800/1000	S	PSFT610326	1STQ004709B0000	PSFT610326A	1STQ002565M0000	1/1
		4P	600/800/1000	C-S	PJFT610126	1STQ002698B0000	PJFT610126A	1STQ002069M0000	1/1
P3	630A	3P	600	C	PJFT606336	1STQ002719B0000	PJFT606336A	1STQ002049M0000	1/1
		3P	600	S	PSFT606336	1STQ004713B0000	PSFT606336A	1STQ002556M0000	1/1
		3P	800/1000	C	PJFT606338	1STQ002734B0000	PJFT606338A	1STQ002050M0000	1/1
		3P	800/1000	S	PSFT606338	1STQ004716B0000	PSFT606338A	1STQ002557M0000	1/1
		4P	600	C-S	PJFT606136	1STQ002724B0000	PJFT606136A	1STQ002044M0000	1/1
		4P	800/1000	C-S	PJFT606138	1STQ002739B0000	PJFT606138A	1STQ002045M0000	1/1
P3	800A	3P	600	C	PJFT608336	1STQ002721B0000	PJFT608336A	1STQ002062M0000	1/1
		3P	600	S	PSFT608336	1STQ004714B0000	PSFT608336A	1STQ002561M0000	1/1
		3P	800/1000	C	PJFT608338	1STQ002736B0000	PJFT608338A	1STQ002063M0000	1/1
		3P	800/1000	S	PSFT608338	1STQ004717B0000	PSFT608338A	1STQ002562M0000	1/1
		4P	600	C-S	PJFT608136	1STQ002726B0000	PJFT608136A	1STQ002057M0000	1/1
		4P	800/1000	C-S	PJFT608138	1STQ002741B0000	PJFT608138A	1STQ002058M0000	1/1
P3	1000A	3P	600	C	PJFT610336	1STQ002723B0000	PJFT610336A	1STQ002075M0000	1/1
		3P	600	S	PSFT610336	1STQ004715B0000	PSFT610336A	1STQ002566M0000	1/1
		3P	800/1000	C	PJFT610338	1STQ002738B0000	PJFT610338A	1STQ002076M0000	1/1
		3P	800/1000	S	PSFT610338	1STQ004718B0000	PSFT610338A	1STQ002567M0000	1/1
		4P	600	C-S	PJFT610136	1STQ002728B0000	PJFT610136A	1STQ002070M0000	1/1
		4P	800/1000	C-S	PJFT610138	1STQ002743B0000	PJFT610138A	1STQ002071M0000	1/1
P4	630A	3P	600	S	PJFT606346	1STQ002837B0000	PJFT606346A	1STQ002051M0000	1/1
		3P	800/1000	S	PJFT606348	1STQ002842B0000	PJFT606348A	1STQ002052M0000	1/1
P4	800A	3P	600	S	PJFT608346	1STQ002839B0000	PJFT608346A	1STQ002064M0000	1/1
		3P	800/1000	S	PJFT608348	1STQ002844B0000	PJFT608348A	1STQ002065M0000	1/1
P4	1000A	3P	600	S	PJFT610346	1STQ002841B0000	PJFT610346A	1STQ002077M0000	1/1
		3P	800/1000	S	PJFT610348	1STQ002846B0000	PJFT610348A	1STQ002078M0000	1/1
P5	630A	3P	600/800/1000	S	PJFT606356	1STQ002847B0000	PJFT606356A	1STQ002053M0000	1/1
	800A	3P	600/800/1000	S	PJFT608356	1STQ002849B0000	PJFT608356A	1STQ002066M0000	1/1
	1000A	3P	600/800/1000	S	PJFT610356	1STQ002851B0000	PJFT610356A	1STQ002079M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Tmax T6 Withdrawable									
P1	630A	3P	600	C-S	PJWT606316	1STQ002660B0000	PJWT606316A	1STQ002282M0000	1/1
		3P	800/1000	C-S	PJWT606318	1STQ002675B0000	PJWT606318A	1STQ002283M0000	1/1
		4P	600	C-S	PJWT606116	1STQ002665B0000	PJWT606116A	1STQ002277M0000	1/1
		4P	800/1000	C-S	PJWT606118	1STQ002680B0000	PJWT606118A	1STQ002278M0000	1/1
P1	800A	3P	600	C-S	PJWT608316	1STQ002662B0000	PJWT608316A	1STQ002295M0000	1/1
		3P	800/1000	C-S	PJWT608318	1STQ002677B0000	PJWT608318A	1STQ002296M0000	1/1
		4P	600	C-S	PJWT608116	1STQ002667B0000	PJWT608116A	1STQ002290M0000	1/1
		4P	800/1000	C-S	PJWT608118	1STQ002682B0000	PJWT608118A	1STQ002291M0000	1/1
P2	630A	3P	600/800/1000	C-S	PJWT606326	1STQ002690B0000	PJWT606326A	1STQ002284M0000	1/1
		4P	600/800/1000	C-S	PJWT606126	1STQ002695B0000	PJWT606126A	1STQ002279M0000	1/1
P2	800A	3P	600/800/1000	C-S	PJWT608326	1STQ002692B0000	PJWT608326A	1STQ002297M0000	1/1
		4P	600/800/1000	C-S	PJWT608126	1STQ002697B0000	PJWT608126A	1STQ002292M0000	1/1
P3	630A	3P	600	C-S	PJWT606336	1STQ002720B0000	PJWT606336A	1STQ002285M0000	1/1
		3P	800/1000	C-S	PJWT606338	1STQ002735B0000	PJWT606338A	1STQ002286M0000	1/1
		4P	600	C-S	PJWT606136	1STQ002725B0000	PJWT606136A	1STQ002280M0000	1/1
		4P	800/1000	C-S	PJWT606138	1STQ002740B0000	PJWT606138A	1STQ002281M0000	1/1
P3	800A	3P	600	C-S	PJWT608336	1STQ002722B0000	PJWT608336A	1STQ002298M0000	1/1
		3P	800/1000	C-S	PJWT608338	1STQ002737B0000	PJWT608338A	1STQ002299M0000	1/1
		4P	600	C-S	PJWT608136	1STQ002727B0000	PJWT608136A	1STQ002293M0000	1/1
		4P	800/1000	C-S	PJWT608138	1STQ002742B0000	PJWT608138A	1STQ002294M0000	1/1
P4	630A	3P	600	C-S	PJWT606346	1STQ002838B0000	PJWT606346A	1STQ002287M0000	1/1
		3P	800/1000	C-S	PJWT606348	1STQ002843B0000	PJWT606348A	1STQ002288M0000	1/1
P4	800A	3P	600	C-S	PJWT608346	1STQ002840B0000	PJWT608346A	1STQ002300M0000	1/1
		3P	800/1000	C-S	PJWT608348	1STQ002845B0000	PJWT608348A	1STQ002301M0000	1/1
P5	630A	3P	600/800/1000	C-S	PJWT606356	1STQ002848B0000	PJWT606356A	1STQ002289M0000	1/1
P5	800A	3P	600/800/1000	C-S	PJWT608356	1STQ002850B0000	PJWT608356A	1STQ002302M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

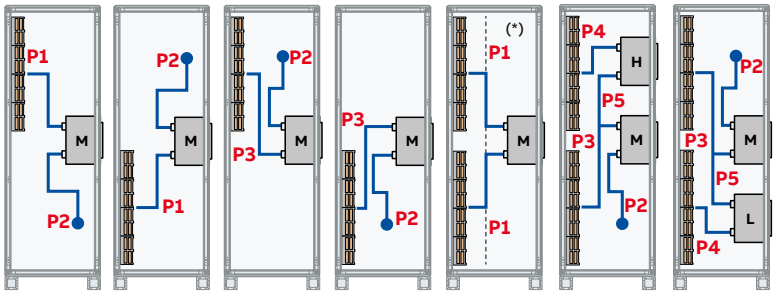
Order codes - Connection for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Tmax T7/E1.2 Fixed									
P1	800/1000A	3P	600	C	PJFT7E110316	1STQ002749B0000	PJFT7E110316A	1STQ002130M0000	1/1
		3P	600	S	PSFT7E110316	1STQ004719B0000	PSFT7E110316A	1STQ002568M0000	1/1
		3P	800/1000	C	PJFT7E110318	1STQ002761B0000	PJFT7E110318A	1STQ002131M0000	1/1
		3P	800/1000	S	PSFT7E110318	1STQ004721B0000	PSFT7E110318A	1STQ002569M0000	1/1
		4PFS	600	C-S	PJFT7E110116	1STQ002753B0000	PJFT7E110116A	1STQ002125M0000	1/1
		4PFS	800/1000	C-S	PJFT7E110118	1STQ002765B0000	PJFT7E110118A	1STQ002126M0000	1/1
P1	1250/1600A	3P	600	C	PJFT7E116316	1STQ002751B0000	PJFT7E116316A	1STQ002159M0000	1/1
		3P	600	S	PSFT7E116316	1STQ004720B0000	PSFT7E116316A	1STQ002573M0000	1/1
		3P	800/1000	C	PJFT7E116318	1STQ002763B0000	PJFT7E116318A	1STQ002160M0000	1/1
		3P	800/1000	S	PSFT7E116318	1STQ004722B0000	PSFT7E116318A	1STQ002574M0000	1/1
		4PFS	600	C-S	PJFT7E116116	1STQ002755B0000	PJFT7E116116A	1STQ002153M0000	1/1
		4PFS	800/1000	C-S	PJFT7E116118	1STQ002767B0000	PJFT7E116118A	1STQ002154M0000	1/1
P1	1250/1600A	4PHS	600	C-S	PJFT7E116016	1STQ002759B0000	PJFT7E116016A	1STQ002148M0000	1/1
		4PHS	800/1000	C-S	PJFT7E116018	1STQ002771B0000	PJFT7E116018A	1STQ002149M0000	1/1
P2	800/1000A	3P	600/800/1000	C	PJFT7E110326	1STQ002773B0000	PJFT7E110326A	1STQ002132M0000	1/1
		3P	600/800/1000	S	PSFT7E110326	1STQ004723B0000	PSFT7E110326A	1STQ002570M0000	1/1
		4PFS	600/800/1000	C-S	PJFT7E110126	1STQ002777B0000	PJFT7E110126A	1STQ002127M0000	1/1
P2	1250/1600A	3P	600/800/1000	C	PJFT7E116326	1STQ002775B0000	PJFT7E116326A	1STQ002161M0000	1/1
		3P	600/800/1000	S	PSFT7E116326	1STQ004724B0000	PSFT7E116326A	1STQ002575M0000	1/1
		4PFS	600/800/1000	C-S	PJFT7E116126	1STQ002779B0000	PJFT7E116126A	1STQ002155M0000	1/1
		4PHS	600/800/1000	C-S	PJFT7E116026	1STQ002783B0000	PJFT7E116026A	1STQ002150M0000	1/1
P3	800/1000A	3P	600	C	PJFT7E110336	1STQ002797B0000	PJFT7E110336A	1STQ002133M0000	1/1
		3P	600	S	PSFT7E110336	1STQ004727B0000	PSFT7E110336A	1STQ002571M0000	1/1
		3P	800/1000	C	PJFT7E110338	1STQ002809B0000	PJFT7E110338A	1STQ002134M0000	1/1
		3P	800/1000	S	PSFT7E110338	1STQ004729B0000	PSFT7E110338A	1STQ002572M0000	1/1
		4PFS	600	C-S	PJFT7E110136	1STQ002801B0000	PJFT7E110136A	1STQ002128M0000	1/1
		4PFS	800/1000	C-S	PJFT7E110138	1STQ002813B0000	PJFT7E110138A	1STQ002129M0000	1/1
P3	1250/1600A	3P	600	C	PJFT7E116336	1STQ002799B0000	PJFT7E116336A	1STQ002162M0000	1/1
		3P	600	S	PSFT7E116336	1STQ004728B0000	PSFT7E116336A	1STQ002576M0000	1/1
		3P	800/1000	C	PJFT7E116338	1STQ002811B0000	PJFT7E116338A	1STQ002163M0000	1/1
		3P	800/1000	S	PSFT7E116338	1STQ004730B0000	PSFT7E116338A	1STQ002577M0000	1/1
		4PFS	600	C-S	PJFT7E116136	1STQ002803B0000	PJFT7E116136A	1STQ002156M0000	1/1
		4PFS	800/1000	C-S	PJFT7E116138	1STQ002815B0000	PJFT7E116138A	1STQ002157M0000	1/1
		4PHS	600	C-S	PJFT7E116036	1STQ002807B0000	PJFT7E116036A	1STQ002151M0000	1/1
		4PHS	800/1000	C-S	PJFT7E116038	1STQ002819B0000	PJFT7E116038A	1STQ002152M0000	1/1
P4	800/1000A	3P	600	S	PJFT7E110346	1STQ002821B0000	PJFT7E110346A	1STQ002135M0000	1/1
		3P	800/1000	S	PJFT7E110348	1STQ002825B0000	PJFT7E110348A	1STQ002136M0000	1/1
P4	1250/1600A	3P	600	S	PJFT7E116346	1STQ002823B0000	PJFT7E116346A	1STQ002164M0000	1/1
		3P	800/1000	S	PJFT7E116348	1STQ002827B0000	PJFT7E116348A	1STQ002165M0000	1/1
P5	800/1000A	3P	600/800/1000	S	PJFT7E110356	1STQ002829B0000	PJFT7E110356A	1STQ002137M0000	1/1
P5	1250/1600A	3P	600/800/1000	S	PJFT7E116356	1STQ002831B0000	PJFT7E116356A	1STQ002166M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Tmax T7/E1.2 Withdrawable									
P1	800/1000A	3P	600	C-S	PJWT7E110316	1STQ002750B0000	PJWT7E110316A	1STQ002336M0000	1/1
		3P	800/1000	C-S	PJWT7E110318	1STQ002762B0000	PJWT7E110318A	1STQ002337M0000	1/1
		4PFS	600	C-S	PJWT7E110116	1STQ002754B0000	PJWT7E110116A	1STQ002331M0000	1/1
		4PFS	800/1000	C-S	PJWT7E110118	1STQ002766B0000	PJWT7E110118A	1STQ002332M0000	1/1
P1	1250/1600A	3P	600	C-S	PJWT7E116316	1STQ002752B0000	PJWT7E116316A	1STQ002361M0000	1/1
		3P	800/1000	C-S	PJWT7E116318	1STQ002764B0000	PJWT7E116318A	1STQ002362M0000	1/1
		4PFS	600	C-S	PJWT7E116116	1STQ002756B0000	PJWT7E116116A	1STQ002356M0000	1/1
		4PFS	800/1000	C-S	PJWT7E116118	1STQ002768B0000	PJWT7E116118A	1STQ002357M0000	1/1
		4PHS	600	C-S	PJWT7E116016	1STQ002760B0000	PJWT7E116016A	1STQ002351M0000	1/1
		4PHS	800/1000	C-S	PJWT7E116018	1STQ002772B0000	PJWT7E116018A	1STQ002352M0000	1/1
P2	800/1000A	3P	600/800/1000	C-S	PJWT7E110326	1STQ002774B0000	PJWT7E110326A	1STQ002338M0000	1/1
		4PFS	600/800/1000	C-S	PJWT7E110126	1STQ002778B0000	PJWT7E110126A	1STQ002333M0000	1/1
P2	1250/1600A	3P	600/800/1000	C-S	PJWT7E116326	1STQ002776B0000	PJWT7E116326A	1STQ002363M0000	1/1
		4PFS	600/800/1000	C-S	PJWT7E116126	1STQ002780B0000	PJWT7E116126A	1STQ002358M0000	1/1
		4PHS	600/800/1000	C-S	PJWT7E116026	1STQ002784B0000	PJWT7E116026A	1STQ002353M0000	1/1
P3	800/1000A	3P	600	C-S	PJWT7E110336	1STQ002798B0000	PJWT7E110336A	1STQ002339M0000	1/1
		3P	800/1000	C-S	PJWT7E110338	1STQ002810B0000	PJWT7E110338A	1STQ002340M0000	1/1
		4PFS	600	C-S	PJWT7E110136	1STQ002802B0000	PJWT7E110136A	1STQ002334M0000	1/1
		4PFS	800/1000	C-S	PJWT7E110138	1STQ002814B0000	PJWT7E110138A	1STQ002335M0000	1/1
P3	1250/1600A	3P	600	C-S	PJWT7E116336	1STQ002800B0000	PJWT7E116336A	1STQ002364M0000	1/1
		3P	800/1000	C-S	PJWT7E116338	1STQ002812B0000	PJWT7E116338A	1STQ002365M0000	1/1
		4PFS	600	C-S	PJWT7E116136	1STQ002804B0000	PJWT7E116136A	1STQ002359M0000	1/1
		4PFS	800/1000	C-S	PJWT7E116138	1STQ002816B0000	PJWT7E116138A	1STQ002360M0000	1/1
		4PHS	600	C-S	PJWT7E116036	1STQ002808B0000	PJWT7E116036A	1STQ002354M0000	1/1
		4PHS	800/1000	C-S	PJWT7E116038	1STQ002820B0000	PJWT7E116038A	1STQ002355M0000	1/1
P4	800/1000A	3P	600	C-S	PJWT7E110346	1STQ002822B0000	PJWT7E110346A	1STQ002341M0000	1/1
		3P	800/1000	C-S	PJWT7E110348	1STQ002826B0000	PJWT7E110348A	1STQ002342M0000	1/1
P4	1250/1600A	3P	600	C-S	PJWT7E116346	1STQ002824B0000	PJWT7E116346A	1STQ002366M0000	1/1
		3P	800/1000	C-S	PJWT7E116348	1STQ002828B0000	PJWT7E116348A	1STQ002367M0000	1/1
P5	800/1000A	3P	600/800/1000	C-S	PJWT7E110356	1STQ002830B0000	PJWT7E110356A	1STQ002343M0000	1/1
P5	1250/1600A	3P	600/800/1000	C-S	PJWT7E116356	1STQ002832B0000	PJWT7E116356A	1STQ002368M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

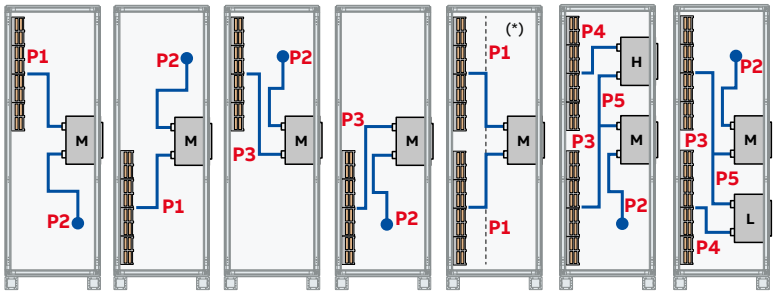
Order codes - Connection for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E2.2 Fixed									
P1	1600/2000A	3P	600	C-S	PJFE216316	1STQ002857B0000	PJFE216316A	1STQ001935M0000	1/1
		3P	800/1000	C-S	PJFE216318	1STQ002863B0000	PJFE216318A	1STQ001936M0000	1/1
		4PFS	600	C-S	PJFE216116	1STQ002859B0000	PJFE216116A	1STQ001930M0000	1/1
		4PFS	800/1000	C-S	PJFE216118	1STQ002865B0000	PJFE216118A	1STQ001931M0000	1/1
		4PHS	600	C-S	PJFE216016	1STQ002861B0000	PJFE216016A	1STQ001925M0000	1/1
		4PHS	800/1000	C-S	PJFE216018	1STQ002867B0000	PJFE216018A	1STQ001926M0000	1/1
P1	2500A	3P	600	C-S	PJFE225316	1STQ002881B0000	PJFE225316A	1STQ001953M0000	1/1
		3P	800/1000	C-S	PJFE225318	1STQ002887B0000	PJFE225318A	1STQ001954M0000	1/1
		4PFS	600	C-S	PJFE225116	1STQ002883B0000	PJFE225116A	1STQ001948M0000	1/1
		4PFS	800/1000	C-S	PJFE225118	1STQ002889B0000	PJFE225118A	1STQ001949M0000	1/1
		4PHS	600	C-S	PJFE225016	1STQ002885B0000	PJFE225016A	1STQ001943M0000	1/1
		4PHS	800/1000	C-S	PJFE225018	1STQ002891B0000	PJFE225018A	1STQ001944M0000	1/1
P2	1600/2000A	3P	600/800/1000	C-S	PJFE216326	1STQ002893B0000	PJFE216326A	1STQ001937M0000	1/1
		4PFS	600/800/1000	C-S	PJFE216126	1STQ002895B0000	PJFE216126A	1STQ001932M0000	1/1
		4PHS	600/800/1000	C-S	PJFE216026	1STQ002897B0000	PJFE216026A	1STQ001927M0000	1/1
P2	2500A	3P	600/800/1000	C-S	PJFE225326	1STQ002917B0000	PJFE225326A	1STQ001955M0000	1/1
		4PFS	600/800/1000	C-S	PJFE225126	1STQ002919B0000	PJFE225126A	1STQ001950M0000	1/1
		4PHS	600/800/1000	C-S	PJFE225026	1STQ002921B0000	PJFE225026A	1STQ001945M0000	1/1
P3	1600/2000A	3P	600	C-S	PJFE216336	1STQ002929B0000	PJFE216336A	1STQ001938M0000	1/1
		3P	800/1000	C-S	PJFE216338	1STQ002935B0000	PJFE216338A	1STQ001939M0000	1/1
		4PFS	600	C-S	PJFE216136	1STQ002931B0000	PJFE216136A	1STQ001933M0000	1/1
		4PFS	800/1000	C-S	PJFE216138	1STQ002937B0000	PJFE216138A	1STQ001934M0000	1/1
		4PHS	600	C-S	PJFE216036	1STQ002933B0000	PJFE216036A	1STQ001928M0000	1/1
		4PHS	800/1000	C-S	PJFE216038	1STQ002939B0000	PJFE216038A	1STQ001929M0000	1/1
P3	2500A	3P	600	C-S	PJFE225336	1STQ002953B0000	PJFE225336A	1STQ001956M0000	1/1
		3P	800/1000	C-S	PJFE225338	1STQ002959B0000	PJFE225338A	1STQ001957M0000	1/1
		4PFS	600	C-S	PJFE225136	1STQ002955B0000	PJFE225136A	1STQ001951M0000	1/1
		4PFS	800/1000	C-S	PJFE225138	1STQ002961B0000	PJFE225138A	1STQ001952M0000	1/1
		4PHS	600	C-S	PJFE225036	1STQ002957B0000	PJFE225036A	1STQ001946M0000	1/1
		4PHS	800/1000	C-S	PJFE225038	1STQ002963B0000	PJFE225038A	1STQ001947M0000	1/1
P4	1600/2000A	3P	600	C-S	PJFE216346	1STQ002965B0000	PJFE216346A	1STQ001940M0000	1/1
		3P	800/1000	C-S	PJFE216348	1STQ002966B0000	PJFE216348A	1STQ001941M0000	1/1
P4	2500A	3P	600	C-S	PJFE225346	1STQ002969B0000	PJFE225346A	1STQ001958M0000	1/1
		3P	800/1000	C-S	PJFE225348	1STQ002970B0000	PJFE225348A	1STQ001959M0000	1/1
P5	1600/2000A	3P	600/800/1000	C-S	PJFE216356	1STQ002971B0000	PJFE216356A	1STQ001942M0000	1/1
P5	2500A	3P	600/800/1000	C-S	PJFE225356	1STQ002975B0000	PJFE225356A	1STQ001960M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E2.2 Withdrawable									
P1	1600/2000A	3P	600	C-S	PJWE216316	1STQ002858B0000	PJWE216316A	1STQ002184M0000	1/1
		3P	800/1000	C-S	PJWE216318	1STQ002864B0000	PJWE216318A	1STQ002185M0000	1/1
		4PFS	600	C-S	PJWE216116	1STQ002860B0000	PJWE216116A	1STQ002180M0000	1/1
		4PFS	800/1000	C-S	PJWE216118	1STQ002866B0000	PJWE216118A	1STQ002181M0000	1/1
		4PHS	600	C-S	PJWE216016	1STQ002862B0000	PJWE216016A	1STQ002176M0000	1/1
		4PHS	800/1000	C-S	PJWE216018	1STQ002868B0000	PJWE216018A	1STQ002177M0000	1/1
P1	2500A	3P	600	C-S	PJWE225316	1STQ002882B0000	PJWE225316A	1STQ002196M0000	1/1
		3P	800/1000	C-S	PJWE225318	1STQ002888B0000	PJWE225318A	1STQ002197M0000	1/1
		4PFS	600	C-S	PJWE225116	1STQ002884B0000	PJWE225116A	1STQ002192M0000	1/1
		4PFS	800/1000	C-S	PJWE225118	1STQ002890B0000	PJWE225118A	1STQ002193M0000	1/1
		4PHS	600	C-S	PJWE225016	1STQ002886B0000	PJWE225016A	1STQ002188M0000	1/1
		4PHS	800/1000	C-S	PJWE225018	1STQ002892B0000	PJWE225018A	1STQ002189M0000	1/1
P2	1600/2000A	3P	600/800/1000	C-S	PJWE216326	1STQ002894B0000	PJWE216326A	1STQ002186M0000	1/1
		4PFS	600/800/1000	C-S	PJWE216126	1STQ002896B0000	PJWE216126A	1STQ002182M0000	1/1
		4PHS	600/800/1000	C-S	PJWE216026	1STQ002898B0000	PJWE216026A	1STQ002178M0000	1/1
P2	2500A	3P	600/800/1000	C-S	PJWE225326	1STQ002918B0000	PJWE225326A	1STQ002198M0000	1/1
		4PFS	600/800/1000	C-S	PJWE225126	1STQ002920B0000	PJWE225126A	1STQ002194M0000	1/1
		4PHS	600/800/1000	C-S	PJWE225026	1STQ002922B0000	PJWE225026A	1STQ002190M0000	1/1
P3	1600/2000A	3P	800/1000	C-S	PJWE216338	1STQ002936B0000	PJWE216338A	1STQ002187M0000	1/1
		4PFS	800/1000	C-S	PJWE216138	1STQ002938B0000	PJWE216138A	1STQ002183M0000	1/1
		4PHS	800/1000	C-S	PJWE216038	1STQ002940B0000	PJWE216038A	1STQ002179M0000	1/1
P3	2500A	3P	800/1000	C-S	PJWE225338	1STQ002960B0000	PJWE225338A	1STQ002199M0000	1/1
		4PFS	800/1000	C-S	PJWE225138	1STQ002962B0000	PJWE225138A	1STQ002195M0000	1/1
		4PHS	800/1000	C-S	PJWE225038	1STQ002964B0000	PJWE225038A	1STQ002191M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

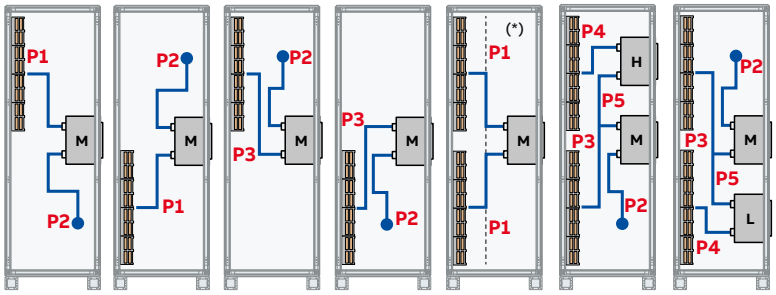
Order codes - Connection for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Emax E4.2 Fixed									
P1	2500A	3P	600	S	PJFE425316	1STQ002977B0000	PJFE425316A	1STQ001971M0000	1/1
		3P	800/1000	C	PJFE425318	1STQ002983B0000	PJFE425318A	1STQ001972M0000	1/1
		3P	800/1000	S	PSFE425318	1STQ004636B0000	PSFE425318A	1STQ002530M0000	1/1
		4PFS	600	C-S	PJFE425116	1STQ002979B0000	PJFE425116A	1STQ001966M0000	1/1
		4PFS	800/1000	C-S	PJFE425118	1STQ002985B0000	PJFE425118A	1STQ001967M0000	1/1
		4PHS	600	C-S	PJFE425016	1STQ002981B0000	PJFE425016A	1STQ001961M0000	1/1
		4PHS	800/1000	C-S	PJFE425018	1STQ002987B0000	PJFE425018A	1STQ001962M0000	1/1
P1	3200A	3P	600	S	PJFE432316	1STQ002989B0000	PJFE432316A	1STQ001984M0000	1/1
		3P	800/1000	C	PJFE432318	1STQ002995B0000	PJFE432318A	1STQ001985M0000	1/1
		3P	800/1000	S	PSFE432318	1STQ004639B0000	PSFE432318A	1STQ002533M0000	1/1
		4PFS	600	C-S	PJFE432116	1STQ002991B0000	PJFE432116A	1STQ001980M0000	1/1
		4PFS	800/1000	C-S	PJFE432118	1STQ002997B0000	PJFE432118A	1STQ001981M0000	1/1
		4PHS	600	C-S	PJFE432016	1STQ002993B0000	PJFE432016A	1STQ001976M0000	1/1
		4PHS	800/1000	C-S	PJFE432018	1STQ002999B0000	PJFE432018A	1STQ001977M0000	1/1
P1	4000A	3P	800/1000	C	PJFE440318	1STQ003001B0000	PJFE440318A	1STQ001992M0000	1/1
		3P	800/1000	S	PSFE440318	1STQ004642B0000	PSFE440318A	1STQ002536M0000	1/1
		4PFS	800/1000	C-S	PJFE440118	1STQ003003B0000	PJFE440118A	1STQ001990M0000	1/1
		4PHS	800/1000	C-S	PJFE440018	1STQ003005B0000	PJFE440018A	1STQ001988M0000	1/1
P2	2500A	3P	600/800/1000	C	PJFE425326	1STQ003007B0000	PJFE425326A	1STQ001973M0000	1/1
		3P	600/800/1000	S	PSFE425326	1STQ004637B0000	PSFE425326A	1STQ002531M0000	1/1
		4PFS	600/800/1000	C-S	PJFE425126	1STQ003009B0000	PJFE425126A	1STQ001968M0000	1/1
		4PHS	600/800/1000	C-S	PJFE425026	1STQ003011B0000	PJFE425026A	1STQ001963M0000	1/1
P2	3200A	3P	600/800/1000	C	PJFE432326	1STQ003019B0000	PJFE432326A	1STQ001986M0000	1/1
		3P	600/800/1000	S	PSFE432326	1STQ004640B0000	PSFE432326A	1STQ002534M0000	1/1
		4PFS	600/800/1000	C-S	PJFE432126	1STQ003021B0000	PJFE432126A	1STQ001982M0000	1/1
		4PHS	600/800/1000	C-S	PJFE432026	1STQ003023B0000	PJFE432026A	1STQ001978M0000	1/1
P2	4000A	3P	800/1000	C	PJFE440328	1STQ003031B0000	PJFE440328A	1STQ001993M0000	1/1
		3P	800/1000	S	PSFE440328	1STQ004643B0000	PSFE440328A	1STQ002537M0000	1/1
		4PFS	800/1000	C-S	PJFE440128	1STQ003033B0000	PJFE440128A	1STQ001991M0000	1/1
		4PHS	800/1000	C-S	PJFE440028	1STQ003035B0000	PJFE440028A	1STQ001989M0000	1/1
P3	2500A	3P	600	C	PJFE425336	1STQ003037B0000	PJFE425336A	1STQ001974M0000	1/1
		4PFS	600	C-S	PJFE425136	1STQ003039B0000	PJFE425136A	1STQ001969M0000	1/1
		4PHS	600	C-S	PJFE425036	1STQ003041B0000	PJFE425036A	1STQ001964M0000	1/1
		3P	800/1000	C	PJFE425338	1STQ003043B0000	PJFE425338A	1STQ001975M0000	1/1
		3P	800/1000	S	PSFE425338	1STQ004638B0000	PSFE425338A	1STQ002532M0000	1/1
		4PFS	800/1000	C-S	PJFE425138	1STQ003045B0000	PJFE425138A	1STQ001970M0000	1/1
		4PHS	800/1000	C-S	PJFE425038	1STQ003047B0000	PJFE425038A	1STQ001965M0000	1/1
P3	3200A	3P	800/1000	C	PJFE432338	1STQ003055B0000	PJFE432338A	1STQ001987M0000	1/1
		3P	800/1000	S	PSFE432338	1STQ004641B0000	PSFE432338A	1STQ002535M0000	1/1
		4PFS	800/1000	C-S	PJFE432138	1STQ003057B0000	PJFE432138A	1STQ001983M0000	1/1
		4PHS	800/1000	C-S	PJFE432038	1STQ003059B0000	PJFE432038A	1STQ001979M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E4.2 Withdrawable									
P1	2500A	3P	600	S	PJWE425316	1STQ002978B0000	PJWE425316A	1STQ002208M0000	1/1
		3P	800/1000	C	PJWE425318	1STQ002984B0000	PJWE425318A	1STQ002209M0000	1/1
		3P	800/1000	S	PSWE425318	1STQ004630B0000	PSWE425318A	1STQ002727M0000	1/1
		4PFS	600	C-S	PJWE425116	1STQ002980B0000	PJWE425116A	1STQ002204M0000	1/1
		4PFS	800/1000	C-S	PJWE425118	1STQ002986B0000	PJWE425118A	1STQ002205M0000	1/1
		4PHS	600	C-S	PJWE425016	1STQ002982B0000	PJWE425016A	1STQ002200M0000	1/1
		4PHS	800/1000	C-S	PJWE425018	1STQ002988B0000	PJWE425018A	1STQ002201M0000	1/1
P1	3200A	3P	600	S	PJWE432316	1STQ002990B0000	PJWE432316A	1STQ002220M0000	1/1
		3P	800/1000	C	PJWE432318	1STQ002996B0000	PJWE432318A	1STQ002221M0000	1/1
		3P	800/1000	S	PSWE432318	1STQ004631B0000	PSWE432318A	1STQ002730M0000	1/1
		4PFS	600	C-S	PJWE432116	1STQ002992B0000	PJWE432116A	1STQ002216M0000	1/1
		4PFS	800/1000	C-S	PJWE432118	1STQ002998B0000	PJWE432118A	1STQ002217M0000	1/1
		4PHS	600	C-S	PJWE432016	1STQ002994B0000	PJWE432016A	1STQ002212M0000	1/1
		4PHS	800/1000	C-S	PJWE432018	1STQ003000B0000	PJWE432018A	1STQ002213M0000	1/1
P1	4000A	3P	800/1000	C	PJWE440318	1STQ003002B0000	PJWE440318A	1STQ002228M0000	1/1
		3P	800/1000	S	PSWE440318	1STQ004629B0000	PSWE440318A	1STQ002733M0000	1/1
		4PFS	800/1000	C-S	PJWE440118	1STQ003004B0000	PJWE440118A	1STQ002226M0000	1/1
		4PHS	800/1000	C-S	PJWE440018	1STQ003006B0000	PJWE440018A	1STQ002224M0000	1/1
P2	2500A	3P	600/800/1000	C	PJWE425326	1STQ003008B0000	PJWE425326A	1STQ002210M0000	1/1
		3P	600/800/1000	S	PSWE425326	1STQ004632B0000	PSWE425326A	1STQ002728M0000	1/1
		4PFS	600/800/1000	C-S	PJWE425126	1STQ003010B0000	PJWE425126A	1STQ002206M0000	1/1
		4PHS	600/800/1000	C-S	PJWE425026	1STQ003012B0000	PJWE425026A	1STQ002202M0000	1/1
P2	3200A	3P	600/800/1000	C	PJWE432326	1STQ003020B0000	PJWE432326A	1STQ002222M0000	1/1
		3P	600/800/1000	S	PSWE432326	1STQ004633B0000	PSWE432326A	1STQ002731M0000	1/1
		4PFS	600/800/1000	C-S	PJWE432126	1STQ003022B0000	PJWE432126A	1STQ002218M0000	1/1
		4PHS	600/800/1000	C-S	PJWE432026	1STQ003024B0000	PJWE432026A	1STQ002214M0000	1/1
P2	4000A	3P	800/1000	C	PJWE440328	1STQ003032B0000	PJWE440328A	1STQ002229M0000	1/1
		3P	800/1000	S	PSWE440328	1STQ004628B0000	PSWE440328A	1STQ002734M0000	1/1
		4PFS	800/1000	C-S	PJWE440128	1STQ003034B0000	PJWE440128A	1STQ002227M0000	1/1
		4PHS	800/1000	C-S	PJWE440028	1STQ003036B0000	PJWE440028A	1STQ002225M0000	1/1
P3	2500A	3P	800/1000	C	PJWE425338	1STQ003044B0000	PJWE425338A	1STQ002211M0000	1/1
		3P	800/1000	S	PSWE425338	1STQ004634B0000	PSWE425338A	1STQ002729M0000	1/1
		4PFS	800/1000	C-S	PJWE425138	1STQ003046B0000	PJWE425138A	1STQ002207M0000	1/1
		4PHS	800/1000	C-S	PJWE425038	1STQ003048B0000	PJWE425038A	1STQ002203M0000	1/1
P3	3200A	3P	800/1000	C	PJWE432338	1STQ003056B0000	PJWE432338A	1STQ002223M0000	1/1
		3P	800/1000	S	PSWE432338	1STQ004635B0000	PSWE432338A	1STQ002732M0000	1/1
		4PFS	800/1000	C-S	PJWE432138	1STQ003058B0000	PJWE432138A	1STQ002219M0000	1/1
		4PHS	800/1000	C-S	PJWE432038	1STQ003060B0000	PJWE432038A	1STQ002215M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

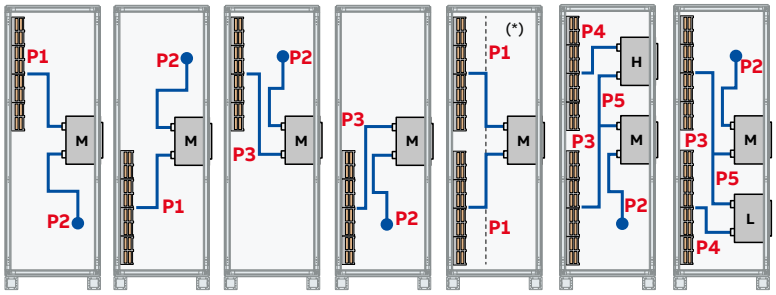
Order codes - Connection for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E6.2 Fixed									
P1	4000A	3P	800/1000	C-S	PJFE640318	1STQ003067B0000	PJFE640318A	1STQ002000M0000	1/1
		4PFS	800/1000	C	PJFE640118	1STQ003069B0000	PJFE640118A	1STQ001997M0000	1/1
		4PFS	800/1000	S	PSFE640118	1STQ004671B0000	PSFE640118A	1STQ002538M0000	1/1
		4PHS	800/1000	C-S	PJFE640018	1STQ003071B0000	PJFE640018A	1STQ001994M0000	1/1
P1	5000A	3P	800/1000	C-S	PJFE650318	1STQ003073B0000	PJFE650318A	1STQ002009M0000	1/1
		4PFS	800/1000	C	PJFE650118	1STQ003075B0000	PJFE650118A	1STQ002006M0000	1/1
		4PFS	800/1000	S	PSFE650118	1STQ004673B0000	PSFE650118A	1STQ002541M0000	1/1
		4PHS	800/1000	C-S	PJFE650018	1STQ003077B0000	PJFE650018A	1STQ002003M0000	1/1
P1	6300A	3P	800/1000	C-S	PJFE663318	1STQ003079B0000	PJFE663318A	1STQ002018M0000	1/1
		4PFS	800/1000	C	PJFE663118	1STQ003081B0000	PJFE663118A	1STQ002015M0000	1/1
		4PFS	800/1000	S	PSFE663118	1STQ004683B0000	PSFE663118A	1STQ002544M0000	1/1
		4PHS	800/1000	C-S	PJFE663018	1STQ003083B0000	PJFE663018A	1STQ002012M0000	1/1
P2	4000A	3P	800/1000	C-S	PJFE640328	1STQ003085B0000	PJFE640328A	1STQ002001M0000	1/1
		4PFS	800/1000	C	PJFE640128	1STQ003087B0000	PJFE640128A	1STQ001998M0000	1/1
		4PFS	800/1000	S	PSFE640128	1STQ004675B0000	PSFE640128A	1STQ002539M0000	1/1
		4PHS	800/1000	C-S	PJFE640028	1STQ003089B0000	PJFE640028A	1STQ001995M0000	1/1
P2	5000A	3P	800/1000	C-S	PJFE650328	1STQ003091B0000	PJFE650328A	1STQ002010M0000	1/1
		4PFS	800/1000	C	PJFE650128	1STQ003093B0000	PJFE650128A	1STQ002007M0000	1/1
		4PFS	800/1000	S	PSFE650128	1STQ004677B0000	PSFE650128A	1STQ002542M0000	1/1
		4PHS	800/1000	C-S	PJFE650028	1STQ003095B0000	PJFE650028A	1STQ002004M0000	1/1
P2	6300A	3P	800/1000	C-S	PJFE663328	1STQ003097B0000	PJFE663328A	1STQ002019M0000	1/1
		4PFS	800/1000	C	PJFE663128	1STQ003099B0000	PJFE663128A	1STQ002016M0000	1/1
		4PFS	800/1000	S	PSFE663128	1STQ004685B0000	PSFE663128A	1STQ002545M0000	1/1
		4PHS	800/1000	C-S	PJFE663028	1STQ003101B0000	PJFE663028A	1STQ002013M0000	1/1
P3	4000A	3P	800/1000	C-S	PJFE640338	1STQ003103B0000	PJFE640338A	1STQ002002M0000	1/1
		4PFS	800/1000	C	PJFE640138	1STQ003105B0000	PJFE640138A	1STQ001999M0000	1/1
		4PFS	800/1000	S	PSFE640138	1STQ004679B0000	PSFE640138A	1STQ002540M0000	1/1
		4PHS	800/1000	C-S	PJFE640038	1STQ003107B0000	PJFE640038A	1STQ001996M0000	1/1
P3	5000A	3P	800/1000	C-S	PJFE650338	1STQ003109B0000	PJFE650338A	1STQ002011M0000	1/1
		4PFS	800/1000	C	PJFE650138	1STQ003111B0000	PJFE650138A	1STQ002008M0000	1/1
		4PFS	800/1000	S	PSFE650138	1STQ004681B0000	PSFE650138A	1STQ002543M0000	1/1
		4PHS	800/1000	C-S	PJFE650038	1STQ003113B0000	PJFE650038A	1STQ002005M0000	1/1
P3	6300A	3P	800/1000	C-S	PJFE663338	1STQ003115B0000	PJFE663338A	1STQ002020M0000	1/1
		4PFS	800/1000	C	PJFE663138	1STQ003117B0000	PJFE663138A	1STQ002017M0000	1/1
		4PFS	800/1000	S	PSFE663138	1STQ004687B0000	PSFE663138A	1STQ002546M0000	1/1
		4PHS	800/1000	C-S	PJFE663038	1STQ003119B0000	PJFE663038A	1STQ002014M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E6.2 Withdrawable									
P1	4000A	3P	800/1000	C-S	PJWE640318	1STQ003068B0000	PJWE640318A	1STQ002236M0000	1/1
	4000A	4PFS	800/1000	C	PJWE640118	1STQ003070B0000	PJWE640118A	1STQ002233M0000	1/1
	4000A	4PFS	800/1000	S	PSWE640118	1STQ004672B0000	PSWE640118A	1STQ002735M0000	1/1
	4000A	4PHS	800/1000	C-S	PJWE640018	1STQ003072B0000	PJWE640018A	1STQ002230M0000	1/1
P1	5000A	3P	800/1000	C-S	PJWE650318	1STQ003074B0000	PJWE650318A	1STQ002245M0000	1/1
	5000A	4PFS	800/1000	C	PJWE650118	1STQ003076B0000	PJWE650118A	1STQ002242M0000	1/1
	5000A	4PFS	800/1000	S	PSWE650118	1STQ004674B0000	PSWE650118A	1STQ002738M0000	1/1
	5000A	4PHS	800/1000	C-S	PJWE650018	1STQ003078B0000	PJWE650018A	1STQ002239M0000	1/1
P1	6300A	3P	800/1000	C-S	PJWE663318	1STQ003080B0000	PJWE663318A	1STQ002254M0000	1/1
	6300A	4PFS	800/1000	C	PJWE663118	1STQ003082B0000	PJWE663118A	1STQ002251M0000	1/1
	6300A	4PFS	800/1000	S	PSWE663118	1STQ004684B0000	PSWE663118A	1STQ002741M0000	1/1
	6300A	4PHS	800/1000	C-S	PJWE663018	1STQ003084B0000	PJWE663018A	1STQ002248M0000	1/1
P2	4000A	3P	800/1000	C-S	PJWE640328	1STQ003086B0000	PJWE640328A	1STQ002237M0000	1/1
		4PFS	800/1000	C	PJWE640128	1STQ003088B0000	PJWE640128A	1STQ002234M0000	1/1
		4PFS	800/1000	S	PSWE640128	1STQ004676B0000	PSWE640128A	1STQ002736M0000	1/1
		4PHS	800/1000	C-S	PJWE640028	1STQ003090B0000	PJWE640028A	1STQ002231M0000	1/1
P2	5000A	3P	800/1000	C-S	PJWE650328	1STQ003092B0000	PJWE650328A	1STQ002246M0000	1/1
		4PFS	800/1000	C	PJWE650128	1STQ003094B0000	PJWE650128A	1STQ002243M0000	1/1
		4PFS	800/1000	S	PSWE650128	1STQ004678B0000	PSWE650128A	1STQ002739M0000	1/1
		4PHS	800/1000	C-S	PJWE650028	1STQ003096B0000	PJWE650028A	1STQ002240M0000	1/1
P2	6300A	3P	800/1000	C-S	PJWE663328	1STQ003098B0000	PJWE663328A	1STQ002255M0000	1/1
		4PFS	800/1000	C	PJWE663128	1STQ003100B0000	PJWE663128A	1STQ002252M0000	1/1
		4PFS	800/1000	S	PSWE663128	1STQ004686B0000	PSWE663128A	1STQ002742M0000	1/1
		4PHS	800/1000	C-S	PJWE663028	1STQ003102B0000	PJWE663028A	1STQ002249M0000	1/1
P3	4000A	3P	800/1000	C-S	PJWE640338	1STQ003104B0000	PJWE640338A	1STQ002238M0000	1/1
		4PFS	800/1000	C	PJWE640138	1STQ003106B0000	PJWE640138A	1STQ002235M0000	1/1
		4PFS	800/1000	S	PSWE640138	1STQ004680B0000	PSWE640138A	1STQ002737M0000	1/1
		4PHS	800/1000	C-S	PJWE640038	1STQ003108B0000	PJWE640038A	1STQ002232M0000	1/1
P3	5000A	3P	800/1000	C-S	PJWE650338	1STQ003110B0000	PJWE650338A	1STQ002247M0000	1/1
		4PFS	800/1000	C	PJWE650138	1STQ003112B0000	PJWE650138A	1STQ002244M0000	1/1
		4PFS	800/1000	S	PSWE650138	1STQ004682B0000	PSWE650138A	1STQ002740M0000	1/1
		4PHS	800/1000	C-S	PJWE650038	1STQ003114B0000	PJWE650038A	1STQ002241M0000	1/1
P3	6300A	3P	800/1000	C-S	PJWE663338	1STQ003116B0000	PJWE663338A	1STQ002256M0000	1/1
		4PFS	800/1000	C	PJWE663138	1STQ003118B0000	PJWE663138A	1STQ002253M0000	1/1
		4PFS	800/1000	S	PSWE663138	1STQ004688B0000	PSWE663138A	1STQ002743M0000	1/1
		4PHS	800/1000	C-S	PJWE663038	1STQ003120B0000	PJWE663038A	1STQ002250M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit

KIT FOR SIDE BY SIDE CIRCUIT-BREAKER

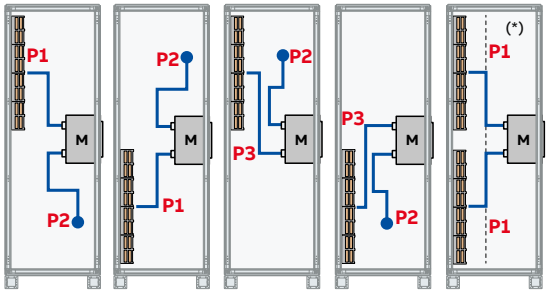
The kit is composed of no.1 connection + connection for side by side circuit-breaker

connection position In (A)	No. of pole	Column dimension D (mm)	W (mm)	Busbars version	Number of breakers per column	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Tmax T5 Fixed										
P1 400A	3P	600	600	C-S	2	PJFT514316	1STQ004805B0000	PJFT514316A	1STQ002036M0000	1/1
	3P	600	800	C-S	3	PJFT514116	1STQ004807B0000	PJFT514116A	1STQ002031M0000	1/1
P1 400A	3P	800/1000	600	C-S	2	PJFT514318	1STQ004809B0000	PJFT514318A	1STQ002037M0000	1/1
	3P	800/1000	800	C-S	3	PJFT514118	1STQ004811B0000	PJFT514118A	1STQ002032M0000	1/1
P2 400A	3P	600/800/1000	600	C-S	2	PJFT514326	1STQ004813B0000	PJFT514326A	1STQ002038M0000	1/1
	3P	600/800/1000	800	C-S	3	PJFT514126	1STQ004815B0000	PJFT514126A	1STQ002033M0000	1/1
P3 400A	3P	600	600	C-S	2	PJFT514336	1STQ004817B0000	PJFT514336A	1STQ002039M0000	1/1
	3P	600	800	C-S	3	PJFT514136	1STQ004819B0000	PJFT514136A	1STQ002034M0000	1/1
P3 400A	3P	800/1000	600	C-S	2	PJFT514338	1STQ004821B0000	PJFT514338A	1STQ002040M0000	1/1
	3P	800/1000	800	C-S	3	PJFT514138	1STQ004823B0000	PJFT514138A	1STQ002035M0000	1/1
Tmax T5 Withdrawable										
P1 400A	3P	600	600	C-S	2	PJWT514316	1STQ004806B0000	PJWT514316A	1STQ002272M0000	1/1
	3P	600	1000	C-S	3	PJWT514116	1STQ004808B0000	PJWT514116A	1STQ002267M0000	1/1
	3P	800/1000	600	C-S	2	PJWT514318	1STQ004810B0000	PJWT514318A	1STQ002273M0000	1/1
	3P	800/1000	1000	C-S	3	PJWT514118	1STQ004812B0000	PJWT514118A	1STQ002268M0000	1/1
P2 400A	3P	600/800/1000	600	C-S	2	PJWT514326	1STQ004814B0000	PJWT514326A	1STQ002274M0000	1/1
	3P	600/800/1000	1000	C-S	3	PJWT514126	1STQ004816B0000	PJWT514126A	1STQ002269M0000	1/1
P3 400A	3P	600	600	C-S	2	PJWT514336	1STQ004818B0000	PJWT514336A	1STQ002275M0000	1/1
	3P	600	1000	C-S	3	PJWT514136	1STQ004820B0000	PJWT514136A	1STQ002270M0000	1/1
	3P	800/1000	600	C-S	2	PJWT514338	1STQ004822B0000	PJWT514338A	1STQ002276M0000	1/1
	3P	800/1000	1000	C-S	3	PJWT514138	1STQ004824B0000	PJWT514138A	1STQ002271M0000	1/1
Tmax T6 Fixed										
P1 630A	3P	600	800	C-S	2	PJFT616316	1STQ004855B0000	PJFT616316A	1STQ002096M0000	1/1
	3P	600	1000	C-S	3	PJFT626326	1STQ004867B0000	PJFT626326A	1STQ002117M0000	1/1
	3P	800/1000	800	C-S	2	PJFT616318	1STQ004861B0000	PJFT616318A	1STQ002097M0000	1/1
	3P	800/1000	1000	C-S	3	PJFT626328	1STQ004870B0000	PJFT626328A	1STQ002118M0000	1/1
	4P	600	800	C-S	2	PJFT616116	1STQ004858B0000	PJFT616116A	1STQ002091M0000	1/1
	4P	800/1000	800	C-S	2	PJFT616118	1STQ004864B0000	PJFT616118A	1STQ002092M0000	1/1
P1 800A	3P	600	800	C-S	2	PJFT618316	1STQ004856B0000	PJFT618316A	1STQ002107M0000	1/1
	3P	600	1000	C-S	3	PJFT628326	1STQ004868B0000	PJFT628326A	1STQ002121M0000	1/1
	3P	800/1000	800	C-S	2	PJFT618318	1STQ004862B0000	PJFT618318A	1STQ002108M0000	1/1
	3P	800/1000	1000	C-S	3	PJFT628328	1STQ004871B0000	PJFT628328A	1STQ002122M0000	1/1
	4P	600	800	C-S	2	PJFT618116	1STQ004859B0000	PJFT618116A	1STQ002102M0000	1/1
	4P	800/1000	800	C-S	2	PJFT618118	1STQ004865B0000	PJFT618118A	1STQ002103M0000	1/1
P1 1000A	3P	600	800	C-S	2	PJFT611316	1STQ004857B0000	PJFT611316A	1STQ002085M0000	1/1
	3P	600	1000	C-S	3	PJFT621326	1STQ004869B0000	PJFT621326A	1STQ002113M0000	1/1
	3P	800/1000	800	C-S	2	PJFT611318	1STQ004863B0000	PJFT611318A	1STQ002086M0000	1/1
	3P	800/1000	1000	C-S	3	PJFT621328	1STQ004872B0000	PJFT621328A	1STQ002114M0000	1/1
	4P	600	800	C-S	2	PJFT611116	1STQ004860B0000	PJFT611116A	1STQ002080M0000	1/1
	4P	800/1000	800	C-S	2	PJFT611118	1STQ004866B0000	PJFT611118A	1STQ002081M0000	1/1
P2 630A	3P	600/800/1000	800	C-S	2	PJFT616326	1STQ004873B0000	PJFT616326A	1STQ002098M0000	1/1
	3P	600/800/1000	1000	C-S	3	PJFT616328	1STQ004879B0000	PJFT616328A	1STQ002099M0000	1/1
	4P	600/800/1000	800	C-S	2	PJFT616126	1STQ004876B0000	PJFT616126A	1STQ002093M0000	1/1
P2 800A	3P	600/800/1000	800	C-S	2	PJFT618326	1STQ004874B0000	PJFT618326A	1STQ002109M0000	1/1
	3P	600/800/1000	1000	C-S	3	PJFT618328	1STQ004880B0000	PJFT618328A	1STQ002110M0000	1/1
	4P	600/800/1000	800	C-S	2	PJFT618126	1STQ004877B0000	PJFT618126A	1STQ002104M0000	1/1
P2 1000A	3P	600/800/1000	800	C-S	2	PJFT611326	1STQ004875B0000	PJFT611326A	1STQ002087M0000	1/1
	3P	600/800/1000	1000	C-S	3	PJFT611328	1STQ004881B0000	PJFT611328A	1STQ002088M0000	1/1
	4P	600/800/1000	800	C-S	2	PJFT611126	1STQ004878B0000	PJFT611126A	1STQ002082M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR SIDE BY SIDE CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for side by side circuit-breaker

connection position In (A)	No. of pole	Column dimension D (mm)	W (mm)	Busbars version	Number of breakers per column	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax T6 Fixed										
P3 630A	3P	600	800	C-S	2	PJFT616336	1STQ004885B0000	PJFT616336A	1STQ002100M0000	1/1
	3P	600	1000	C-S	3	PJFT626336	1STQ004897B0000	PJFT626336A	1STQ002119M0000	1/1
	3P	800/1000	800	C-S	2	PJFT616338	1STQ004891B0000	PJFT616338A	1STQ002101M0000	1/1
	3P	800/1000	1000	C-S	3	PJFT626338	1STQ004900B0000	PJFT626338A	1STQ002120M0000	1/1
	4P	600	800	C-S	2	PJFT616136	1STQ004888B0000	PJFT616136A	1STQ002094M0000	1/1
	4P	800/1000	800	C-S	2	PJFT616138	1STQ004894B0000	PJFT616138A	1STQ002095M0000	1/1
P3 800A	3P	600	800	C-S	2	PJFT618336	1STQ004886B0000	PJFT618336A	1STQ002111M0000	1/1
	3P	600	1000	C-S	3	PJFT628336	1STQ004898B0000	PJFT628336A	1STQ002123M0000	1/1
	3P	800/1000	800	C-S	2	PJFT618338	1STQ004892B0000	PJFT618338A	1STQ002112M0000	1/1
	3P	800/1000	1000	C-S	3	PJFT628338	1STQ004901B0000	PJFT628338A	1STQ002124M0000	1/1
	4P	600	800	C-S	2	PJFT618136	1STQ004889B0000	PJFT618136A	1STQ002105M0000	1/1
	4P	800/1000	800	C-S	2	PJFT618138	1STQ004895B0000	PJFT618138A	1STQ002106M0000	1/1
P3 1000A	3P	600	800	C-S	2	PJFT611336	1STQ004887B0000	PJFT611336A	1STQ002089M0000	1/1
	3P	600	1000	C-S	3	PJFT621336	1STQ004899B0000	PJFT621336A	1STQ002115M0000	1/1
	3P	800/1000	800	C-S	2	PJFT611338	1STQ004893B0000	PJFT611338A	1STQ002090M0000	1/1
	3P	800/1000	1000	C-S	3	PJFT621338	1STQ004902B0000	PJFT621338A	1STQ002116M0000	1/1
	4P	600	800	C-S	2	PJFT611136	1STQ004890B0000	PJFT611136A	1STQ002083M0000	1/1
	4P	800/1000	800	C-S	2	PJFT611138	1STQ004896B0000	PJFT611138A	1STQ002084M0000	1/1
Tmax T6 Withdrawable										
P1 630A	3P	600	800	C-S	2	PJWT616316	1STQ004831B0000	PJWT616316A	1STQ002308M0000	1/1
	3P	800/1000	800	C-S	2	PJWT616318	1STQ004835B0000	PJWT616318A	1STQ002309M0000	1/1
	4P	600	1000	C-S	2	PJWT616116	1STQ004833B0000	PJWT616116A	1STQ002303M0000	1/1
	4P	800/1000	1000	C-S	2	PJWT616118	1STQ004837B0000	PJWT616118A	1STQ002304M0000	1/1
P1 800A	3P	600	800	C-S	2	PJWT618316	1STQ004832B0000	PJWT618316A	1STQ002318M0000	1/1
	3P	800/1000	800	C-S	2	PJWT618318	1STQ004836B0000	PJWT618318A	1STQ002319M0000	1/1
	4P	600	1000	C-S	2	PJWT618116	1STQ004834B0000	PJWT618116A	1STQ002313M0000	1/1
	4P	800/1000	1000	C-S	2	PJWT618118	1STQ004838B0000	PJWT618118A	1STQ002314M0000	1/1
P2 630A	3P	600/800/1000	800	C-S	2	PJWT616326	1STQ004839B0000	PJWT616326A	1STQ002310M0000	1/1
	4P	600/800/1000	1000	C-S	2	PJWT616126	1STQ004841B0000	PJWT616126A	1STQ002305M0000	1/1
P2 800A	3P	600/800/1000	800	C-S	2	PJWT618326	1STQ004840B0000	PJWT618326A	1STQ002320M0000	1/1
	4P	600/800/1000	1000	C-S	2	PJWT618126	1STQ004842B0000	PJWT618126A	1STQ002315M0000	1/1
P3 630A	3P	600	800	C-S	2	PJWT616336	1STQ004847B0000	PJWT616336A	1STQ002311M0000	1/1
	3P	800/1000	800	C-S	2	PJWT616338	1STQ004851B0000	PJWT616338A	1STQ002312M0000	1/1
	4P	600	1000	C-S	2	PJWT616136	1STQ004849B0000	PJWT616136A	1STQ002306M0000	1/1
	4P	800/1000	1000	C-S	2	PJWT616138	1STQ004853B0000	PJWT616138A	1STQ002307M0000	1/1
P3 800A	3P	600	800	C-S	2	PJWT618336	1STQ004848B0000	PJWT618336A	1STQ002321M0000	1/1
	3P	800/1000	800	C-S	2	PJWT618338	1STQ004852B0000	PJWT618338A	1STQ002322M0000	1/1
	4P	600	1000	C-S	2	PJWT618136	1STQ004850B0000	PJWT618136A	1STQ002316M0000	1/1
	4P	800/1000	1000	C-S	2	PJWT618138	1STQ004854B0000	PJWT618138A	1STQ002317M0000	1/1

Vertical circuit breaker kits

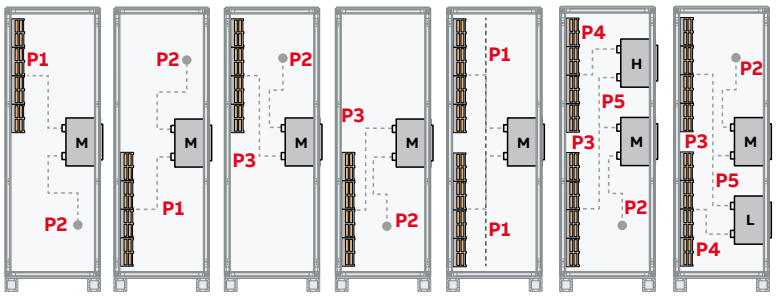
Order codes - Connection for vertical circuit breakers kit

connection position In (A)	No. of pole	Column dimension D (mm)	W (mm)	Busbars version	Number of breakers per column	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax T7 - Emax E1.2 Fixed										
P1 800/1000A	3P	600	800	C-S	2	PJFT7E111416	1STQ004938B0000	PJFT7E111416A	1STQ002144M0000	1/1
	3P	800/1000	800	C-S	2	PJFT7E111418	1STQ004940B0000	PJFT7E111418A	1STQ002145M0000	1/1
	4PFS	600	1000	C-S	2	PJFT7E110516	1STQ004944B0000	PJFT7E110516A	1STQ002140M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJFT7E110518	1STQ004948B0000	PJFT7E110518A	1STQ002141M0000	1/1
P1 1250/1600A	3P	600	800	C-S	2	PJFT7E116456	1STQ004939B0000	PJFT7E116456A	1STQ002170M0000	1/1
	3P	800/1000	800	C-S	2	PJFT7E116418	1STQ004941B0000	PJFT7E116418A	1STQ002167M0000	1/1
	4PFS	600	1000	C-S	2	PJFT7E116516	1STQ004945B0000	PJFT7E116516A	1STQ002171M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJFT7E116518	1STQ004949B0000	PJFT7E116518A	1STQ002172M0000	1/1
P2 800/1000A	3P	600/800/1000	800	C-S	2	PJFT7E110426	1STQ004950B0000	PJFT7E110426A	1STQ002138M0000	1/1
	4PFS	600/800/1000	1000	C-S	2	PJFT7E116528	1STQ004956B0000	PJFT7E116528A	1STQ002173M0000	1/1
P2 1250/1600A	3P	600/800/1000	800	C-S	2	PJFT7E116426	1STQ004951B0000	PJFT7E116426A	1STQ002168M0000	1/1
	4PFS	600/800/1000	1000	C-S	2	PJFT7E110528	1STQ004957B0000	PJFT7E110528A	1STQ002142M0000	1/1
P3 800/1000A	3P	600	800	C-S	2	PJFT7E110436	1STQ004962B0000	PJFT7E110436A	1STQ002139M0000	1/1
	3P	800/1000	800	C-S	2	PJFT7E111436	1STQ004964B0000	PJFT7E111436A	1STQ002146M0000	1/1
	4PFS	600	1000	C-S	2	PJFT7E116548	1STQ004968B0000	PJFT7E116548A	1STQ002175M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJFT7E116158	1STQ004972B0000	PJFT7E116158A	1STQ002158M0000	1/1
P3 1250/1600A	3P	600	800	C-S	2	PJFT7E116546	1STQ004963B0000	PJFT7E116546A	1STQ002174M0000	1/1
	3P	800/1000	800	C-S	2	PJFT7E116436	1STQ004965B0000	PJFT7E116436A	1STQ002169M0000	1/1
	4PFS	600	1000	C-S	2	PJFT7E110538	1STQ004969B0000	PJFT7E110538A	1STQ002143M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJFT7E111548	1STQ004973B0000	PJFT7E111548A	1STQ002147M0000	1/1
Tmax T7 - Emax E1.2 Withdrawable										
P1 800/1000A	3P	600	800	C-S	2	PJWT7E110516	1STQ004906B0000	PJWT7E110516A	1STQ002347M0000	1/1
	3P	800/1000	800	C-S	2	PJWT7E110518	1STQ004908B0000	PJWT7E110518A	1STQ002348M0000	1/1
	4PFS	600	1000	C-S	2	PJWT7E110416	1STQ004910B0000	PJWT7E110416A	1STQ002344M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJWT7E110418	1STQ004912B0000	PJWT7E110418A	1STQ002345M0000	1/1
P1 1250/1600A	3P	600	800	C-S	2	PJWT7E116516	1STQ004907B0000	PJWT7E116516A	1STQ002371M0000	1/1
	3P	800/1000	800	C-S	2	PJWT7E116518	1STQ004909B0000	PJWT7E116518A	1STQ002372M0000	1/1
	4PFS	600	1000	C-S	2	PJWT7E116416	1STQ004911B0000	PJWT7E116416A	1STQ002369M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJWT7E116418	1STQ004913B0000	PJWT7E116418A	1STQ002370M0000	1/1
P2 800/1000A	3P	600/800/1000	800	C-S	2	PJWT7E110436	1STQ004914B0000	PJWT7E110436A	1STQ002346M0000	1/1
	4PFS	600/800/1000	1000	C-S	2	PJWT7E110526	1STQ004918B0000	PJWT7E110526A	1STQ002349M0000	1/1
P2 1250/1600A	3P	600/800/1000	800	C-S	2	PJWT7E116556	1STQ004915B0000	PJWT7E116556A	1STQ002373M0000	1/1
	4PFS	600/800/1000	1000	C-S	2	PJWT7E110558	1STQ004919B0000	PJWT7E110558A	1STQ002350M0000	1/1
P3 800/1000A	3P	600	800	C-S	2	PJWT7E06456	1STQ004922B0000	PJWT7E06456A	1STQ002324M0000	1/1
	3P	800/1000	800	C-S	2	PJWT7E06436	1STQ004924B0000	PJWT7E06436A	1STQ002323M0000	1/1
	4PFS	600	1000	C-S	2	PJWT7E06536	1STQ004926B0000	PJWT7E06536A	1STQ002326M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJWT7E08538	1STQ004928B0000	PJWT7E08538A	1STQ002330M0000	1/1
P3 1250/1600A	3P	600	800	C-S	2	PJWT7E08456	1STQ004923B0000	PJWT7E08456A	1STQ002329M0000	1/1
	3P	800/1000	800	C-S	2	PJWT7E08436	1STQ004925B0000	PJWT7E08436A	1STQ002328M0000	1/1
	4PFS	600	1000	C-S	2	PJWT7E06528	1STQ004927B0000	PJWT7E06528A	1STQ002325M0000	1/1
	4PFS	800/1000	1000	C-S	2	PJWT7E06538	1STQ004929B0000	PJWT7E06538A	1STQ002327M0000	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position terminal farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of all no copper elements for the breacker's connection.

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Tmax T5 Fixed									
P1	400A	3P	600	C	PANC0085	1STQ006589B0000	-	-	1/1
		3P	600	S	PANC0075	1STQ006593B0000	-	-	1/1
		3P	800/1000	C	PANC0086	1STQ006590B0000	-	-	1/1
		3P	800/1000	S	PANC0076	1STQ006594B0000	-	-	1/1
		4P	600	C-S	PANC0075	1STQ006593B0000	-	-	1/1
		4P	800/1000	C-S	PANC0174	1STQ006672B0000	-	-	1/1
P2	400A	3P	600/800/1000	C	PANC0014	1STQ006512B0000	-	-	1/1
		3P	600/800/1000	S	PANC0013	1STQ006511B0000	-	-	1/1
		4P	600/800/1000	C-S	PANC0013	1STQ006511B0000	-	-	1/1
P3	400A	3P	600	C	PANC0086	1STQ006590B0000	-	-	1/1
		3P	600	S	PANC0076	1STQ006594B0000	-	-	1/1
		3P	800/1000	C	PANC0087	1STQ006591B0000	-	-	1/1
		3P	800/1000	S	PANC0077	1STQ006595B0000	-	-	1/1
		4P	600	C-S	PANC0174	1STQ006672B0000	-	-	1/1
		4P	800/1000	C-S	PANC0175	1STQ006673B0000	-	-	1/1
Tmax T5 Withdrawable									
P1	400A	3P	600	C	PANC0085	1STQ006589B0000	-	-	1/1
		3P	600	S	PANC0075	1STQ006593B0000	-	-	1/1
		3P	800/1000	C	PANC0086	1STQ006590B0000	-	-	1/1
		3P	800/1000	S	PANC0076	1STQ006594B0000	-	-	1/1
		4P	600	C-S	PANC0075	1STQ006593B0000	-	-	1/1
		4P	800/1000	C-S	PANC0174	1STQ006672B0000	-	-	1/1
P2	400A	3P	600/800/1000	C	PANC0014	1STQ006512B0000	-	-	1/1
		3P	600/800/1000	S	PANC0013	1STQ006511B0000	-	-	1/1
		4P	600/800/1000	C-S	PANC0013	1STQ006511B0000	-	-	1/1
P3	400A	3P	600	C	PANC0086	1STQ006590B0000	-	-	1/1
		3P	600	S	PANC0076	1STQ006594B0000	-	-	1/1
		3P	800/1000	C	PANC0087	1STQ006591B0000	-	-	1/1
		3P	800/1000	S	PANC0077	1STQ006595B0000	-	-	1/1
		4P	600	C-S	PANC0174	1STQ006672B0000	-	-	1/1
		4P	800/1000	C-S	PANC0175	1STQ006673B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

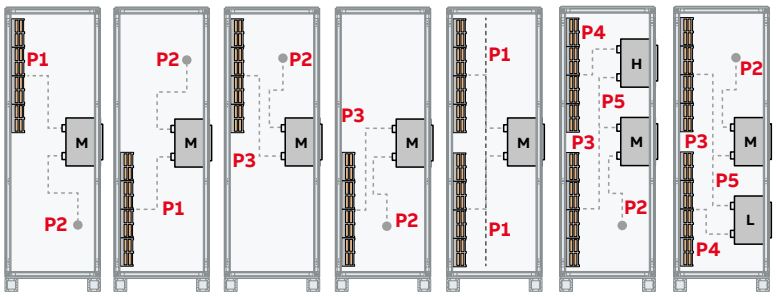
Order codes - Connection without copper for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Tmax T6 Fixed									
P1	630A	3P	600	C	PANC0095	1STQ006617B0000	-	-	1/1
		3P	600	S	PANC0098	1STQ006616B0000	-	-	1/1
		3P	800/1000	C	PANC0096	1STQ006619B0000	-	-	1/1
		3P	800/1000	S	PANC0073	1STQ006614B0000	-	-	1/1
		4P	600	C-S	PANC0094	1STQ006586B0000	-	-	1/1
		4P	800/1000	C-S	PANC0176	1STQ006674B0000	-	-	1/1
P1	800A	3P	600	C	PANC0100	1STQ006639B0000	-	-	1/1
		3P	600	S	PANC0070	1STQ006636B0000	-	-	1/1
		3P	800/1000	C	PANC0101	1STQ006643B0000	-	-	1/1
		3P	800/1000	S	PANC0071	1STQ006637B0000	-	-	1/1
		4P	600	C-S	PANC0099	1STQ006587B0000	-	-	1/1
		4P	800/1000	C-S	PANC0178	1STQ006681B0000	-	-	1/1
P1	1000A	3P	600	C	PANC0104	1STQ006657B0000	-	-	1/1
		3P	600	S	PANC0067	1STQ006654B0000	-	-	1/1
		3P	800/1000	C	PANC0105	1STQ006658B0000	-	-	1/1
		3P	800/1000	S	PANC0068	1STQ006655B0000	-	-	1/1
		4P	600	C-S	PANC0103	1STQ006588B0000	-	-	1/1
		4P	800/1000	C-S	PANC0180	1STQ006696B0000	-	-	1/1
P2	630A	3P	600/800/1000	C	PANC0014	1STQ006512B0000	-	-	1/1
		3P	600/800/1000	S	PANC0028	1STQ006526B0000	-	-	1/1
		4P	600/800/1000	C-S	PANC0017	1STQ006515B0000	-	-	1/1
	800A	3P	600/800/1000	C	PANC0014	1STQ006512B0000	-	-	1/1
		3P	600/800/1000	S	PANC0028	1STQ006526B0000	-	-	1/1
		4P	600/800/1000	C-S	PANC0017	1STQ006515B0000	-	-	1/1
P2	1000A	3P	600/800/1000	C	PANC0014	1STQ006512B0000	-	-	1/1
		3P	600/800/1000	S	PANC0028	1STQ006526B0000	-	-	1/1
		4P	600/800/1000	C-S	PANC0017	1STQ006515B0000	-	-	1/1
P3	630A	3P	600	C	PANC0096	1STQ006619B0000	-	-	1/1
		3P	600	S	PANC0073	1STQ006614B0000	-	-	1/1
		3P	800/1000	C	PANC0097	1STQ006620B0000	-	-	1/1
		3P	800/1000	S	PANC0074	1STQ006615B0000	-	-	1/1
		4P	600	C-S	PANC0176	1STQ006674B0000	-	-	1/1
		4P	800/1000	C-S	PANC0177	1STQ006675B0000	-	-	1/1
P3	800A	3P	600	C	PANC0101	1STQ006643B0000	-	-	1/1
		3P	600	S	PANC0071	1STQ006637B0000	-	-	1/1
		3P	800/1000	C	PANC0102	1STQ006644B0000	-	-	1/1
		3P	800/1000	S	PANC0072	1STQ006638B0000	-	-	1/1
		4P	600	C-S	PANC0178	1STQ006681B0000	-	-	1/1
		4P	800/1000	C-S	PANC0179	1STQ006682B0000	-	-	1/1
P3	1000A	3P	600	C	PANC0105	1STQ006658B0000	-	-	1/1
		3P	600	S	PANC0068	1STQ006655B0000	-	-	1/1
		3P	800/1000	C	PANC0106	1STQ006659B0000	-	-	1/1
		3P	800/1000	S	PANC0069	1STQ006656B0000	-	-	1/1
		4P	600	C-S	PANC0180	1STQ006696B0000	-	-	1/1
		4P	800/1000	C-S	PANC0181	1STQ006697B0000	-	-	1/1
P4	630A	3P	600	S	PANC0040	1STQ006535B0000	-	-	1/1
		3P	800/1000	S	PANC0098	1STQ006616B0000	-	-	1/1
P4	800A	3P	600	S	PANC0041	1STQ006536B0000	-	-	1/1
		3P	800/1000	S	PANC0070	1STQ006636B0000	-	-	1/1
P4	1000A	3P	600	S	PANC0042	1STQ006537B0000	-	-	1/1
		3P	800/1000	S	PANC0067	1STQ006654B0000	-	-	1/1
P5	630A	3P	600/800/1000	S	PANC0018	1STQ006516B0000	-	-	1/1
	800A	3P	600/800/1000	S	PANC0018	1STQ006516B0000	-	-	1/1
	1000A	3P	600/800/1000	S	PANC0018	1STQ006516B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of all no copper elements for the breacker's connection.

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Tmax T6 Withdrawable									
P1	630A	3P	600	C-S	PANC0098	1STQ006616B0000	-	-	1/1
		3P	800/1000	C-S	PANC0073	1STQ006614B0000	-	-	1/1
		4P	600	C-S	PANC0094	1STQ006586B0000	-	-	1/1
		4P	800/1000	C-S	PANC0176	1STQ006674B0000	-	-	1/1
P1	800A	3P	600	C-S	PANC0070	1STQ006636B0000	-	-	1/1
		3P	800/1000	C-S	PANC0071	1STQ006637B0000	-	-	1/1
		4P	600	C-S	PANC0099	1STQ006587B0000	-	-	1/1
		4P	800/1000	C-S	PANC0178	1STQ006681B0000	-	-	1/1
P2	630A	3P	600/800/1000	C-S	PANC0028	1STQ006526B0000	-	-	1/1
		4P	600/800/1000	C-S	PANC0017	1STQ006515B0000	-	-	1/1
P2	800A	3P	600/800/1000	C-S	PANC0028	1STQ006526B0000	-	-	1/1
		4P	600/800/1000	C-S	PANC0017	1STQ006515B0000	-	-	1/1
P3	630A	3P	600	C-S	PANC0073	1STQ006614B0000	-	-	1/1
		3P	800/1000	C-S	PANC0074	1STQ006615B0000	-	-	1/1
		4P	600	C-S	PANC0176	1STQ006674B0000	-	-	1/1
		4P	800/1000	C-S	PANC0177	1STQ006675B0000	-	-	1/1
P3	800A	3P	600	C-S	PANC0071	1STQ006637B0000	-	-	1/1
		3P	800/1000	C-S	PANC0072	1STQ006638B0000	-	-	1/1
		4P	600	C-S	PANC0178	1STQ006681B0000	-	-	1/1
		4P	800/1000	C-S	PANC0179	1STQ006682B0000	-	-	1/1
P4	630A	3P	600	C-S	PANC0040	1STQ006535B0000	-	-	1/1
		3P	800/1000	C-S	PANC0098	1STQ006616B0000	-	-	1/1
P4	800A	3P	600	C-S	PANC0041	1STQ006536B0000	-	-	1/1
		3P	800/1000	C-S	PANC0070	1STQ006636B0000	-	-	1/1
P5	630A	3P	600/800/1000	C-S	PANC0018	1STQ006516B0000	-	-	1/1
P5	800A	3P	600/800/1000	C-S	PANC0018	1STQ006516B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

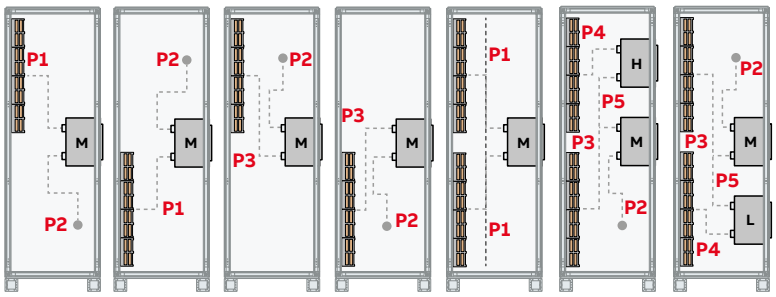
Order codes - Connection without copper for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Tmax T7/E1.2 Fixed									
P1	800/1000A	3P	600	C	PANC0128	1STQ006611B0000	-	-	1/1
		3P	600	S	PANC0165	1STQ006641B0000	-	-	1/1
		3P	800/1000	C	PANC0192	1STQ006690B0000	-	-	1/1
		3P	800/1000	S	PANC0206	1STQ006700B0000	-	-	1/1
		4PFS	600	C-S	PANC0127	1STQ006610B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0189	1STQ006667B0000	-	-	1/1
P1	1250/1600A	3P	600	C	PANC0197	1STQ006695B0000	-	-	1/1
		3P	600	S	PANC0257	1STQ006706B0000	-	-	1/1
		3P	800/1000	C	PANC0229	1STQ006710B0000	-	-	1/1
		3P	800/1000	S	PANC0258	1STQ006708B0000	-	-	1/1
		4PFS	600	C-S	PANC0195	1STQ006693B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0227	1STQ006724B0000	-	-	1/1
P1	1250/1600A	4PHS	600	C-S	PANC0195	1STQ006693B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0227	1STQ006724B0000	-	-	1/1
P2	800/1000A	3P	600/800/1000	C	PANC0019	1STQ006517B0000	-	-	1/1
		3P	600/800/1000	S	PANC0018	1STQ006516B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0023	1STQ006521B0000	-	-	1/1
P2	1250/1600A	3P	600/800/1000	C	PANC0019	1STQ006517B0000	-	-	1/1
		3P	600/800/1000	S	PANC0018	1STQ006516B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0003	1STQ006501B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0003	1STQ006501B0000	-	-	1/1
P3	800/1000A	3P	600	C	PANC0193	1STQ006691B0000	-	-	1/1
		3P	600	S	PANC0207	1STQ006701B0000	-	-	1/1
		3P	800/1000	C	PANC0129	1STQ006612B0000	-	-	1/1
		3P	800/1000	S	PANC0166	1STQ006642B0000	-	-	1/1
		4PFS	600	C-S	PANC0190	1STQ006689B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0191	1STQ006668B0000	-	-	1/1
P3	1250/1600A	3P	600	C	PANC0230	1STQ006725B0000	-	-	1/1
		3P	600	S	PANC0259	1STQ006707B0000	-	-	1/1
		3P	800/1000	C	PANC0231	1STQ006711B0000	-	-	1/1
		3P	800/1000	S	PANC0260	1STQ006709B0000	-	-	1/1
		4PFS	600	C-S	PANC0196	1STQ006694B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0285	1STQ006777B0000	-	-	1/1
		4PHS	600	C-S	PANC0337	1STQ006841B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0338	1STQ006842B0000	-	-	1/1
P4	800/1000A	3P	600	S	PANC0043	1STQ006538B0000	-	-	1/1
		3P	800/1000	S	PANC0130	1STQ006613B0000	-	-	1/1
P4	1250/1600A	3P	600	S	PANC0131	1STQ006573B0000	-	-	1/1
		3P	800/1000	S	PANC0132	1STQ006574B0000	-	-	1/1
P5	800/1000A	3P	600/800/1000	S	PANC0018	1STQ006516B0000	-	-	1/1
P5	1250/1600A	3P	600/800/1000	S	PANC0044	1STQ006539B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position terminal farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of all no copper elements for the breacker's connection.

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Tmax T7/E1.2 Withdrawable									
P1	800/1000A	3P	600	C-S	PANC0050	1STQ006547B0000	-	-	1/1
		3P	800/1000	C-S	PANC0248	1STQ006759B0000	-	-	1/1
		4PFS	600	C-S	PANC0031	1STQ006529B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0298	1STQ006791B0000	-	-	1/1
P1	1250/1600A	3P	600	C-S	PANC0158	1STQ006569B0000	-	-	1/1
		3P	800/1000	C-S	PANC0301	1STQ006784B0000	-	-	1/1
		4PFS	600	C-S	PANC0155	1STQ006557B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0349	1STQ006843B0000	-	-	1/1
		4PHS	600	C-S	PANC0155	1STQ006557B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0349	1STQ006843B0000	-	-	1/1
P2	800/1000A	3P	600/800/1000	C-S	PANC0051	1STQ006541B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0032	1STQ006530B0000	-	-	1/1
P2	1250/1600A	3P	600/800/1000	C-S	PANC0159	1STQ006635B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0057	1STQ006546B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0057	1STQ006546B0000	-	-	1/1
P3	800/1000A	3P	600	C-S	PANC0152	1STQ006628B0000	-	-	1/1
		3P	800/1000	C-S	PANC0249	1STQ006760B0000	-	-	1/1
		4PFS	600	C-S	PANC0049	1STQ006540B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0299	1STQ006792B0000	-	-	1/1
P3	1250/1600A	3P	600	C-S	PANC0160	1STQ006570B0000	-	-	1/1
		3P	800/1000	C-S	PANC0251	1STQ006737B0000	-	-	1/1
		4PFS	600	C-S	PANC0157	1STQ006559B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0351	1STQ006845B0000	-	-	1/1
		4PHS	600	C-S	PANC0156	1STQ006558B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0350	1STQ006844B0000	-	-	1/1
P4	800/1000A	3P	600	C-S	PANC0052	1STQ006542B0000	-	-	1/1
		3P	800/1000	C-S	PANC0153	1STQ006568B0000	-	-	1/1
P4	1250/1600A	3P	600	C-S	PANC0161	1STQ006579B0000	-	-	1/1
		3P	800/1000	C-S	PANC0162	1STQ006580B0000	-	-	1/1
P5	800/1000A	3P	600/800/1000	C-S	PANC0004	1STQ006502B0000	-	-	1/1
P5	1250/1600A	3P	600/800/1000	C-S	PANC0058	1STQ006548B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

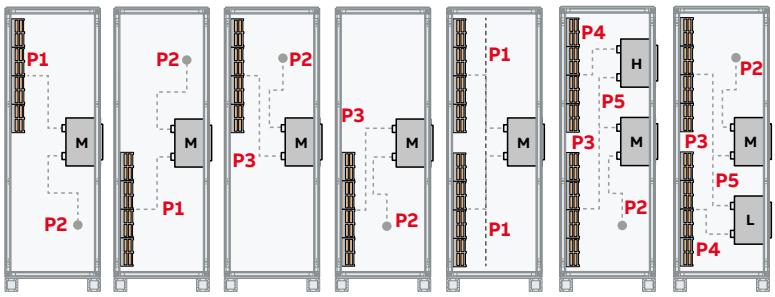
Order codes - Connection without copper for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E2.2 Fixed									
P1	1600/2000A	3P	600	C-S	PANC0168	1STQ006669B0000	-	-	1/1
		3P	800/1000	C-S	PANC0265	1STQ006804B0000	-	-	1/1
		4PFS	600	C-S	PANC0078	1STQ006581B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0309	1STQ006854B0000	-	-	1/1
		4PHS	600	C-S	PANC0078	1STQ006581B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0309	1STQ006854B0000	-	-	1/1
P1	2500A	3P	600	C-S	PANC0172	1STQ006671B0000	-	-	1/1
		3P	800/1000	C-S	PANC0267	1STQ006801B0000	-	-	1/1
		4PFS	600	C-S	PANC0080	1STQ006583B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0311	1STQ006850B0000	-	-	1/1
		4PHS	600	C-S	PANC0080	1STQ006583B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0311	1STQ006850B0000	-	-	1/1
P2	1600/2000A	3P	600/800/1000	C-S	PANC0208	1STQ006712B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0167	1STQ006702B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0167	1STQ006702B0000	-	-	1/1
P2	2500A	3P	600/800/1000	C-S	PANC0209	1STQ006713B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0170	1STQ006703B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0170	1STQ006703B0000	-	-	1/1
P3	1600/2000A	3P	600	C-S	PANC0169	1STQ006670B0000	-	-	1/1
		3P	800/1000	C-S	PANC0266	1STQ006805B0000	-	-	1/1
		4PFS	600	C-S	PANC0079	1STQ006582B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0310	1STQ006855B0000	-	-	1/1
		4PHS	600	C-S	PANC0079	1STQ006582B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0310	1STQ006855B0000	-	-	1/1
P3	2500A	3P	600	C-S	PANC0081	1STQ006575B0000	-	-	1/1
		3P	800/1000	C-S	PANC0268	1STQ006802B0000	-	-	1/1
		4PFS	600	C-S	PANC0171	1STQ006683B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0313	1STQ006852B0000	-	-	1/1
		4PHS	600	C-S	PANC0171	1STQ006683B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0312	1STQ006851B0000	-	-	1/1
P4	1600/2000A	3P	600	C-S	PANC0034	1STQ006553B0000	-	-	1/1
		3P	800/1000	C-S	PANC0035	1STQ006554B0000	-	-	1/1
P4	2500A	3P	600	C-S	PANC0037	1STQ006555B0000	-	-	1/1
		3P	800/1000	C-S	PANC0038	1STQ006556B0000	-	-	1/1
P5	1600/2000A	3P	600/800/1000	C-S	PANC0036	1STQ006534B0000	-	-	1/1
P5	2500A	3P	600/800/1000	C-S	PANC0011	1STQ006509B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position terminal farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of all no copper elements for the breacker's connection.

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E2.2 Withdrawable									
P1	1600/2000A	3P	600	C-S	PANC0133	1STQ006584B0000	-	-	1/1
		3P	800/1000	C-S	PANC0293	1STQ006806B0000	-	-	1/1
		4PFS	600	C-S	PANC0045	1STQ006551B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0339	1STQ006856B0000	-	-	1/1
		4PHS	600	C-S	PANC0045	1STQ006551B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0339	1STQ006856B0000	-	-	1/1
P1	2500A	3P	600	C-S	PANC0134	1STQ006585B0000	-	-	1/1
		3P	800/1000	C-S	PANC0294	1STQ006803B0000	-	-	1/1
		4PFS	600	C-S	PANC0046	1STQ006552B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0340	1STQ006853B0000	-	-	1/1
		4PHS	600	C-S	PANC0046	1STQ006552B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0340	1STQ006853B0000	-	-	1/1
P2	1600/2000A	3P	600/800/1000	C-S	PANC0232	1STQ006726B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0198	1STQ006704B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0198	1STQ006704B0000	-	-	1/1
P2	2500A	3P	600/800/1000	C-S	PANC0233	1STQ006727B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0199	1STQ006705B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0199	1STQ006705B0000	-	-	1/1
P3	1600/2000A	3P	800/1000	C-S	PANC0265	1STQ006804B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0309	1STQ006854B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0292	1STQ006782B0000	-	-	1/1
P3	2500A	3P	800/1000	C-S	PANC0267	1STQ006801B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0311	1STQ006850B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0311	1STQ006850B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

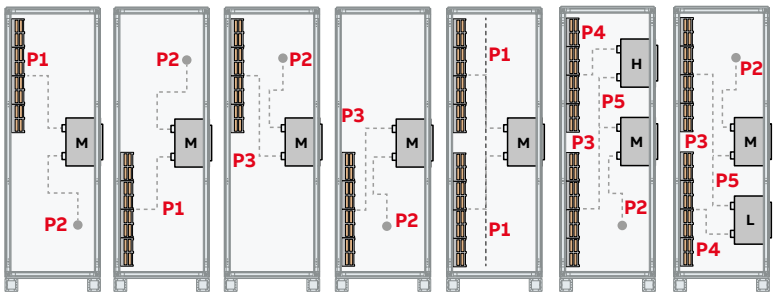
Order codes - Connection without copper for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E4.2 Fixed									
P1	2500A	3P	600	S	PANC0039	1STQ006532B0000	-	-	1/1
		3P	800/1000	C	PANC0269	1STQ006767B0000	-	-	1/1
		3P	800/1000	S	PANC0303	1STQ006765B0000	-	-	1/1
		4PFS	600	C-S	PANC0082	1STQ006576B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0314	1STQ006815B0000	-	-	1/1
		4PHS	600	C-S	PANC0082	1STQ006576B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0314	1STQ006815B0000	-	-	1/1
P1	3200A	3P	600	S	PANC0084	1STQ006578B0000	-	-	1/1
		3P	800/1000	C	PANC0272	1STQ006789B0000	-	-	1/1
		3P	800/1000	S	PANC0305	1STQ006787B0000	-	-	1/1
		4PFS	600	C-S	PANC0084	1STQ006578B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0318	1STQ006835B0000	-	-	1/1
		4PHS	600	C-S	PANC0084	1STQ006578B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0316	1STQ006833B0000	-	-	1/1
P1	4000A	3P	800/1000	C	PANC0275	1STQ006771B0000	-	-	1/1
		3P	800/1000	S	PANC0307	1STQ006785B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0321	1STQ006840B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0320	1STQ006839B0000	-	-	1/1
P2	2500A	3P	600/800/1000	C	PANC0212	1STQ006714B0000	-	-	1/1
		3P	600/800/1000	S	PANC0252	1STQ006738B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0211	1STQ006746B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0210	1STQ006745B0000	-	-	1/1
P2	3200A	3P	600/800/1000	C	PANC0214	1STQ006716B0000	-	-	1/1
		3P	600/800/1000	S	PANC0253	1STQ006739B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0213	1STQ006715B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0271	1STQ006769B0000	-	-	1/1
P2	4000A	3P	800/1000	C	PANC0216	1STQ006753B0000	-	-	1/1
		3P	800/1000	S	PANC0254	1STQ006740B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0215	1STQ006751B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0274	1STQ006770B0000	-	-	1/1
P3	2500A	3P	600	C-S	PANC0083	1STQ006577B0000	-	-	1/1
		4PFS	600	C-S	PANC0173	1STQ006685B0000	-	-	1/1
		4PHS	600	C-S	PANC0173	1STQ006685B0000	-	-	1/1
		3P	800/1000	C	PANC0270	1STQ006768B0000	-	-	1/1
		3P	800/1000	S	PANC0304	1STQ006766B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0315	1STQ006816B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0315	1STQ006816B0000	-	-	1/1
P3	3200A	3P	800/1000	C	PANC0273	1STQ006790B0000	-	-	1/1
		3P	800/1000	S	PANC0306	1STQ006788B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0319	1STQ006836B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0317	1STQ006834B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of all no copper elements for the breacker's connection.

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E4.2 Withdrawable									
P1	2500A	3P	600	S	PANC0047	1STQ006533B0000	-	-	1/1
		3P	800/1000	C	PANC0269	1STQ006767B0000	-	-	1/1
		3P	800/1000	S	PANC0303	1STQ006765B0000	-	-	1/1
		4PFS	600	C-S	PANC0047	1STQ006533B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0314	1STQ006815B0000	-	-	1/1
		4PHS	600	C-S	PANC0047	1STQ006533B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0314	1STQ006815B0000	-	-	1/1
P1	3200A	3P	600	S	PANC0135	1STQ006618B0000	-	-	1/1
		3P	800/1000	C	PANC0272	1STQ006789B0000	-	-	1/1
		3P	800/1000	S	PANC0305	1STQ006787B0000	-	-	1/1
		4PFS	600	C-S	PANC0135	1STQ006618B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0318	1STQ006835B0000	-	-	1/1
		4PHS	600	C-S	PANC0135	1STQ006618B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0341	1STQ006837B0000	-	-	1/1
P1	4000A	3P	800/1000	C	PANC0275	1STQ006771B0000	-	-	1/1
		3P	800/1000	S	PANC0307	1STQ006785B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0321	1STQ006840B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0320	1STQ006839B0000	-	-	1/1
P2	2500A	3P	600/800/1000	C	PANC0236	1STQ006728B0000	-	-	1/1
		3P	600/800/1000	S	PANC0261	1STQ006747B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0235	1STQ006744B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0234	1STQ006743B0000	-	-	1/1
P2	3200A	3P	600/800/1000	C	PANC0238	1STQ006730B0000	-	-	1/1
		3P	600/800/1000	S	PANC0262	1STQ006748B0000	-	-	1/1
		4PFS	600/800/1000	C-S	PANC0237	1STQ006729B0000	-	-	1/1
		4PHS	600/800/1000	C-S	PANC0295	1STQ006783B0000	-	-	1/1
P2	4000A	3P	800/1000	C	PANC0240	1STQ006754B0000	-	-	1/1
		3P	800/1000	S	PANC0254	1STQ006740B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0239	1STQ006752B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0274	1STQ006770B0000	-	-	1/1
P3	2500A	3P	800/1000	C	PANC0270	1STQ006768B0000	-	-	1/1
		3P	800/1000	S	PANC0303	1STQ006765B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0315	1STQ006816B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0315	1STQ006816B0000	-	-	1/1
P3	3200A	3P	800/1000	C	PANC0273	1STQ006790B0000	-	-	1/1
		3P	800/1000	S	PANC0306	1STQ006788B0000	-	-	1/1
		4PFS	800/1000	C-S	PANC0319	1STQ006836B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0342	1STQ006838B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

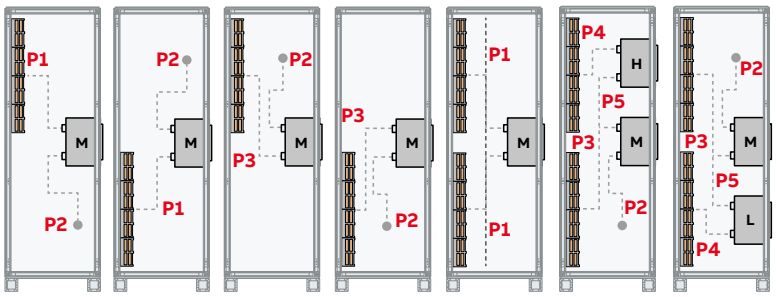
Order codes - Connection without copper for vertical circuit breakers kit

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit		Delivered assembled		Package/ No. pcs
					Type	Order code	Type	Order code	
Emax E6.2 Fixed									
P1	4000A	3P	800/1000	C-S	PANC0326	1STQ006830B0000	-	-	1/1
		4PFS	800/1000	C	PANC0324	1STQ006819B0000	-	-	1/1
		4PFS	800/1000	S	PANC0353	1STQ006822B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0322	1STQ006827B0000	-	-	1/1
P1	5000A	3P	800/1000	C-S	PANC0279	1STQ006778B0000	-	-	1/1
		4PFS	800/1000	C	PANC0330	1STQ006817B0000	-	-	1/1
		4PFS	800/1000	S	PANC0355	1STQ006857B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0328	1STQ006825B0000	-	-	1/1
P1	6300A	3P	800/1000	C-S	PANC0281	1STQ006763B0000	-	-	1/1
		4PFS	800/1000	C	PANC0334	1STQ006807B0000	-	-	1/1
		4PFS	800/1000	S	PANC0357	1STQ006809B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0332	1STQ006812B0000	-	-	1/1
P2	4000A	3P	800/1000	C-S	PANC0278	1STQ006774B0000	-	-	1/1
		4PFS	800/1000	C	PANC0277	1STQ006773B0000	-	-	1/1
		4PFS	800/1000	S	PANC0308	1STQ006786B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0276	1STQ006772B0000	-	-	1/1
P2	5000A	3P	800/1000	C-S	PANC0219	1STQ006719B0000	-	-	1/1
		4PFS	800/1000	C	PANC0218	1STQ006718B0000	-	-	1/1
		4PFS	800/1000	S	PANC0255	1STQ006741B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0217	1STQ006717B0000	-	-	1/1
P2	6300A	3P	800/1000	C-S	PANC0282	1STQ006775B0000	-	-	1/1
		4PFS	800/1000	C	PANC0221	1STQ006721B0000	-	-	1/1
		4PFS	800/1000	S	PANC0256	1STQ006742B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0220	1STQ006720B0000	-	-	1/1
P3	4000A	3P	800/1000	C-S	PANC0327	1STQ006831B0000	-	-	1/1
		4PFS	800/1000	C	PANC0325	1STQ006820B0000	-	-	1/1
		4PFS	800/1000	S	PANC0354	1STQ006823B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0323	1STQ006828B0000	-	-	1/1
P3	5000A	3P	800/1000	C-S	PANC0280	1STQ006779B0000	-	-	1/1
		4PFS	800/1000	C	PANC0331	1STQ006818B0000	-	-	1/1
		4PFS	800/1000	S	PANC0356	1STQ006858B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0329	1STQ006826B0000	-	-	1/1
P3	6300A	3P	800/1000	C-S	PANC0283	1STQ006764B0000	-	-	1/1
		4PFS	800/1000	C	PANC0335	1STQ006848B0000	-	-	1/1
		4PFS	800/1000	S	PANC0358	1STQ006810B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0333	1STQ006813B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position terminal farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR CIRCUIT-BREAKER

The kit is composed of all no copper elements for the breacker's connection.

connection position	In (A)	No. of pole	Column dimension D (mm)	Busbars version	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Emax E6.2 Withdrawable									
P1	4000A	3P	800/1000	C-S	PANC0326	1STQ006830B0000	-	-	1/1
	4000A	4PFS	800/1000	C	PANC0324	1STQ006819B0000	-	-	1/1
	4000A	4PFS	800/1000	S	PANC0353	1STQ006822B0000	-	-	1/1
	4000A	4PHS	800/1000	C-S	PANC0322	1STQ006827B0000	-	-	1/1
P1	5000A	3P	800/1000	C-S	PANC0279	1STQ006778B0000	-	-	1/1
	5000A	4PFS	800/1000	C	PANC0330	1STQ006817B0000	-	-	1/1
	5000A	4PFS	800/1000	S	PANC0355	1STQ006857B0000	-	-	1/1
	5000A	4PHS	800/1000	C-S	PANC0328	1STQ006825B0000	-	-	1/1
P1	6300A	3P	800/1000	C-S	PANC0281	1STQ006763B0000	-	-	1/1
	6300A	4PFS	800/1000	C	PANC0334	1STQ006807B0000	-	-	1/1
	6300A	4PFS	800/1000	S	PANC0357	1STQ006809B0000	-	-	1/1
	6300A	4PHS	800/1000	C-S	PANC0332	1STQ006812B0000	-	-	1/1
P2	4000A	3P	800/1000	C-S	PANC0243	1STQ006733B0000	-	-	1/1
		4PFS	800/1000	C	PANC0242	1STQ006732B0000	-	-	1/1
		4PFS	800/1000	S	PANC0263	1STQ006749B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0241	1STQ006731B0000	-	-	1/1
P2	5000A	3P	800/1000	C-S	PANC0243	1STQ006733B0000	-	-	1/1
		4PFS	800/1000	C	PANC0242	1STQ006732B0000	-	-	1/1
		4PFS	800/1000	S	PANC0263	1STQ006749B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0241	1STQ006731B0000	-	-	1/1
P2	6300A	3P	800/1000	C-S	PANC0246	1STQ006736B0000	-	-	1/1
		4PFS	800/1000	C	PANC0245	1STQ006735B0000	-	-	1/1
		4PFS	800/1000	S	PANC0264	1STQ006750B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0244	1STQ006734B0000	-	-	1/1
P3	4000A	3P	800/1000	C-S	PANC0345	1STQ006832B0000	-	-	1/1
		4PFS	800/1000	C	PANC0344	1STQ006821B0000	-	-	1/1
		4PFS	800/1000	S	PANC0359	1STQ006824B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0343	1STQ006829B0000	-	-	1/1
P3	5000A	3P	800/1000	C-S	PANC0280	1STQ006779B0000	-	-	1/1
		4PFS	800/1000	C	PANC0331	1STQ006818B0000	-	-	1/1
		4PFS	800/1000	S	PANC0355	1STQ006857B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0329	1STQ006826B0000	-	-	1/1
P3	6300A	3P	800/1000	C-S	PANC0283	1STQ006764B0000	-	-	1/1
		4PFS	800/1000	C	PANC0347	1STQ006808B0000	-	-	1/1
		4PFS	800/1000	S	PANC0360	1STQ006811B0000	-	-	1/1
		4PHS	800/1000	C-S	PANC0346	1STQ006814B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit

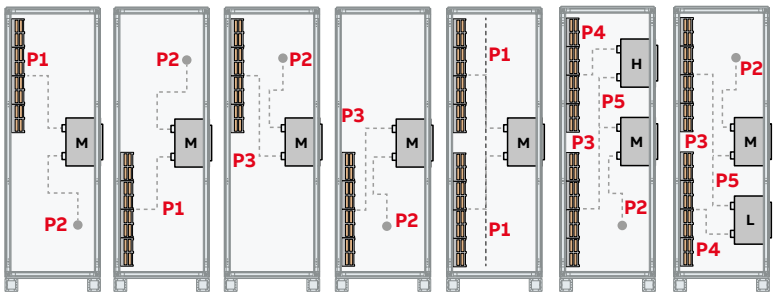
KIT FOR SIDE BY SIDE CIRCUIT-BREAKER
The kit is composed of all no copper elements for the breacker's connection.

connection position In (A)	No. of pole	Column dimension D (mm)	W (mm)	Busbars version	Number of breakers per column	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax T5 Fixed										
P1 400A	3P	600	600	C-S	2	PANC0092	1STQ006600B0000	-	-	1/1
	3P	600	800	C-S	3	PANC0088	1STQ006597B0000	-	-	1/1
P1 400A	3P	800/1000	600	C-S	2	PANC0093	1STQ006603B0000	-	-	1/1
	3P	800/1000	800	C-S	3	PANC0089	1STQ006601B0000	-	-	1/1
P2 400A	3P	600/800/1000	600	C-S	2	PANC0016	1STQ006514B0000	-	-	1/1
	3P	600/800/1000	800	C-S	3	PANC0015	1STQ006513B0000	-	-	1/1
P3 400A	3P	600	600	C-S	2	PANC0088	1STQ006597B0000	-	-	1/1
	3P	600	800	C-S	3	PANC0090	1STQ006599B0000	-	-	1/1
P3 400A	3P	800/1000	600	C-S	2	PANC0089	1STQ006601B0000	-	-	1/1
	3P	800/1000	800	C-S	3	PANC0091	1STQ006602B0000	-	-	1/1
Tmax T5 Withdrawable										
P1 400A	3P	600	600	C-S	2	PANC0139	1STQ006604B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0136	1STQ006607B0000	-	-	1/1
	3P	800/1000	600	C-S	2	PANC0140	1STQ006605B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0137	1STQ006608B0000	-	-	1/1
P2 400A	3P	600/800/1000	600	C-S	2	PANC0027	1STQ006525B0000	-	-	1/1
	3P	600/800/1000	1000	C-S	3	PANC0026	1STQ006524B0000	-	-	1/1
P3 400A	3P	600	600	C-S	2	PANC0140	1STQ006605B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0137	1STQ006608B0000	-	-	1/1
	3P	800/1000	600	C-S	2	PANC0141	1STQ006606B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0138	1STQ006609B0000	-	-	1/1
Tmax T6 Fixed										
P1 630A	3P	600	800	C-S	2	PANC0112	1STQ006623B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0122	1STQ006627B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0113	1STQ006624B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0123	1STQ006629B0000	-	-	1/1
	4P	600	800	C-S	2	PANC0111	1STQ006596B0000	-	-	1/1
	4P	800/1000	800	C-S	2	PANC0184	1STQ006677B0000	-	-	1/1
P1 800A	3P	600	800	C-S	2	PANC0116	1STQ006645B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0119	1STQ006648B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0117	1STQ006646B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0125	1STQ006649B0000	-	-	1/1
	4P	600	800	C-S	2	PANC0115	1STQ006598B0000	-	-	1/1
	4P	800/1000	800	C-S	2	PANC0187	1STQ006684B0000	-	-	1/1
P1 1000A	3P	600	800	C-S	2	PANC0108	1STQ006660B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0119	1STQ006648B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0109	1STQ006661B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0120	1STQ006663B0000	-	-	1/1
	4P	600	800	C-S	2	PANC0107	1STQ006592B0000	-	-	1/1
	4P	800/1000	800	C-S	2	PANC0182	1STQ006698B0000	-	-	1/1
P2 630A	3P	600/800/1000	800	C-S	2	PANC0021	1STQ006519B0000	-	-	1/1
	3P	600/800/1000	1000	C-S	3	PANC0022	1STQ006520B0000	-	-	1/1
	4P	600/800/1000	800	C-S	2	PANC0020	1STQ006518B0000	-	-	1/1
P2 800A	3P	600/800/1000	800	C-S	2	PANC0021	1STQ006519B0000	-	-	1/1
	3P	600/800/1000	1000	C-S	3	PANC0022	1STQ006520B0000	-	-	1/1
	4P	600/800/1000	800	C-S	2	PANC0020	1STQ006518B0000	-	-	1/1
P2 1000A	3P	600/800/1000	800	C-S	2	PANC0021	1STQ006519B0000	-	-	1/1
	3P	600/800/1000	1000	C-S	3	PANC0022	1STQ006520B0000	-	-	1/1
	4P	600/800/1000	800	C-S	2	PANC0020	1STQ006518B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
FS = full size HS = Half size
C = compact busbars
S = shifted busbars
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.
P4 Breaker high/low position terminal closest to the busbar system.
P5 Breaker high/low position terminal farest from the busbar system.

(*) Order necessarily no.2 pieces to realize this configuration.

KIT FOR SIDE BY SIDE CIRCUIT-BREAKER
The kit is composed of all no copper elements for the breacker's connection.

connection position In (A)	No. of pole	Column dimension D (mm)	W (mm)	Busbars version	Number of breakers per column	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax T6 Fixed										
P3 630A	3P	600	800	C-S	2	PANC0113	1STQ006624B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0123	1STQ006629B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0114	1STQ006625B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0124	1STQ006631B0000	-	-	1/1
	4P	600	800	C-S	2	PANC0185	1STQ006676B0000	-	-	1/1
	4P	800/1000	800	C-S	2	PANC0186	1STQ006678B0000	-	-	1/1
P3 800A	3P	600	800	C-S	2	PANC0117	1STQ006646B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0125	1STQ006649B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0118	1STQ006647B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0126	1STQ006650B0000	-	-	1/1
	4P	600	800	C-S	2	PANC0187	1STQ006684B0000	-	-	1/1
	4P	800/1000	800	C-S	2	PANC0188	1STQ006686B0000	-	-	1/1
P3 1000A	3P	600	800	C-S	2	PANC0109	1STQ006661B0000	-	-	1/1
	3P	600	1000	C-S	3	PANC0120	1STQ006663B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0110	1STQ006662B0000	-	-	1/1
	3P	800/1000	1000	C-S	3	PANC0121	1STQ006664B0000	-	-	1/1
	4P	600	800	C-S	2	PANC0182	1STQ006698B0000	-	-	1/1
	4P	800/1000	800	C-S	2	PANC0183	1STQ006699B0000	-	-	1/1
Tmax T6 Withdrawable										
P1 630A	3P	600	800	C-S	2	PANC0143	1STQ006632B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0144	1STQ006633B0000	-	-	1/1
	4P	600	1000	C-S	2	PANC0142	1STQ006621B0000	-	-	1/1
	4P	800/1000	1000	C-S	2	PANC0200	1STQ006679B0000	-	-	1/1
P1 800A	3P	600	800	C-S	2	PANC0147	1STQ006651B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0148	1STQ006652B0000	-	-	1/1
	4P	600	1000	C-S	2	PANC0146	1STQ006622B0000	-	-	1/1
	4P	800/1000	1000	C-S	2	PANC0202	1STQ006687B0000	-	-	1/1
P2 630A	3P	600/800/1000	800	C-S	2	PANC0030	1STQ006528B0000	-	-	1/1
	4P	600/800/1000	1000	C-S	2	PANC0029	1STQ006527B0000	-	-	1/1
P2 800A	3P	600/800/1000	800	C-S	2	PANC0030	1STQ006528B0000	-	-	1/1
	4P	600/800/1000	1000	C-S	2	PANC0029	1STQ006527B0000	-	-	1/1
P3 630A	3P	600	800	C-S	2	PANC0144	1STQ006633B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0145	1STQ006634B0000	-	-	1/1
	4P	600	1000	C-S	2	PANC0200	1STQ006679B0000	-	-	1/1
	4P	800/1000	1000	C-S	2	PANC0201	1STQ006680B0000	-	-	1/1
P3 800A	3P	600	800	C-S	2	PANC0148	1STQ006652B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0149	1STQ006653B0000	-	-	1/1
	4P	600	1000	C-S	2	PANC0202	1STQ006687B0000	-	-	1/1
	4P	800/1000	1000	C-S	2	PANC0203	1STQ006688B0000	-	-	1/1

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit

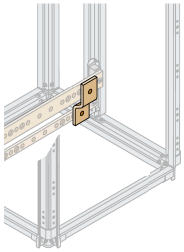
connection position In (A)	No. of pole	Column dimension D (mm)	W (mm)	Busbars version	Number of breakers per column	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax T7 - Emax E1.2 Fixed										
P1 800/1000A	3P	600	800	C-S	2	PANC0225	1STQ006758B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0226	1STQ006723B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0223	1STQ006722B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0224	1STQ006755B0000	-	-	1/1
P1 1250/1600A	3P	600	800	C-S	2	PANC0288	1STQ006797B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0286	1STQ006795B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0284	1STQ006776B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0289	1STQ006780B0000	-	-	1/1
P2 800/1000A	3P	600/800/1000	800	C-S	2	PANC0024	1STQ006522B0000	-	-	1/1
	4PFS	600/800/1000	1000	C-S	2	PANC0025	1STQ006523B0000	-	-	1/1
P2 1250/1600A	3P	600/800/1000	800	C-S	2	PANC0002	1STQ006500B0000	-	-	1/1
	4PFS	600/800/1000	1000	C-S	2	PANC0001	1STQ006499B0000	-	-	1/1
P3 800/1000A	3P	600	800	C-S	2	PANC0222	1STQ006757B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0194	1STQ006692B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0291	1STQ006781B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0228	1STQ006756B0000	-	-	1/1
P3 1250/1600A	3P	600	800	C-S	2	PANC0290	1STQ006798B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0287	1STQ006796B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0284	1STQ006776B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0336	1STQ006849B0000	-	-	1/1
Tmax T7 - Emax E1.2 Withdrawable										
P1 800/1000A	3P	600	800	C-S	2	PANC0055	1STQ006550B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0250	1STQ006762B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0053	1STQ006543B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0300	1STQ006794B0000	-	-	1/1
P1 1250/1600A	3P	600	800	C-S	2	PANC0163	1STQ006572B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0302	1STQ006800B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0205	1STQ006666B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0352	1STQ006847B0000	-	-	1/1
P2 800/1000A	3P	600/800/1000	800	C-S	2	PANC0054	1STQ006544B0000	-	-	1/1
	4PFS	600/800/1000	1000	C-S	2	PANC0056	1STQ006545B0000	-	-	1/1
P2 1250/1600A	3P	600/800/1000	800	C-S	2	PANC0164	1STQ006640B0000	-	-	1/1
	4PFS	600/800/1000	1000	C-S	2	PANC0154	1STQ006630B0000	-	-	1/1
P3 800/1000A	3P	600	800	C-S	2	PANC0048	1STQ006549B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0247	1STQ006761B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0150	1STQ006626B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0297	1STQ006793B0000	-	-	1/1
P3 1250/1600A	3P	600	800	C-S	2	PANC0151	1STQ006571B0000	-	-	1/1
	3P	800/1000	800	C-S	2	PANC0296	1STQ006799B0000	-	-	1/1
	4PFS	600	1000	C-S	2	PANC0204	1STQ006665B0000	-	-	1/1
	4PFS	800/1000	1000	C-S	2	PANC0348	1STQ006846B0000	-	-	1/1

Go to page 2-8 for the main busbars selection.

Vertical circuit breaker kits

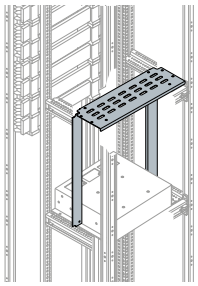
Order codes - Connection for vertical circuit breakers kit

Central Earthing Point

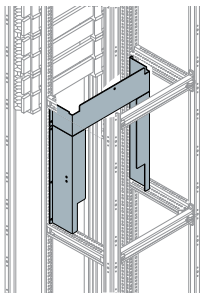
	MBB rating In(A) up to	Busbar section (mm)	No. of pole	D (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
	2000A	1x30x10	3P+N	600	PCEP132681	1STQ005671B0000	PCEP132681A	1STQ002959M0000	1/1
	3200A	1x40x10	3P+N	800	PCEP142681	1STQ005672B0000	PCEP142681A	1STQ002960M0000	1/1
	4000A	1x60x10	3P+N	1000	PCEP162681	1STQ005673B0000	PCEP162681A	1STQ002961M0000	1/1
	6300A	2x60x10	3P+N		PCEP262681	1STQ005674B0000	PCEP262681A	1STQ002962M0000	1/1

Vertical circuit breaker kits

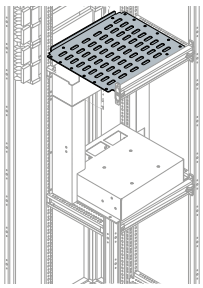
Order codes - Segregation Form 2a-3a



Tmax - Emax E1.2 F



Tmax T7 W - Emax



Rear segregation

REAR SEGREGATION				Delivered in kit		Delivered assembled		
Breaker type	In (A)	Esecution	External dimension (W)	Type	Order code	Type	Order code	Package/ No. pcs
Tmax T5	F/W		400	PSVRT540	1STQ003994B0000	PSVRT540A	1STQ002716M0000	1/1
			500	PSVRT550	1STQ003995B0000	PSVRT550A	1STQ002718M0000	1/1
Tmax T6	F/W		400	PSVRT540	1STQ003994B0000	PSVRT540A	1STQ002716M0000	1/1
			500	PSVRT550	1STQ003995B0000	PSVRT550A	1STQ002718M0000	1/1
			600	PSVRT660	1STQ003998B0000	PSVRT660A	1STQ002721M0000	1/1
Tmax T7/Emax E1.2		F	400	PSVRT540	1STQ003994B0000	PSVRT540A	1STQ002716M0000	1/1
			500	PSVRT550	1STQ003995B0000	PSVRT550A	1STQ002718M0000	1/1
			600	PSVRT660	1STQ003998B0000	PSVRT660A	1STQ002721M0000	1/1
		W	500*	PSVRT750+	1STQ004000B0000	PSVRT750A	1STQ002723M0000	1/1
				PSHS0509	1STQ005225B0000	PSHS0509A	1STQ002615M0000	1/1
		W	600*	PSVRT761+	1STQ004355B0000	PSVRT761A	1STQ002725M0000	1/1
				PSHS0609	1STQ005226B0000	PSHS0609A	1STQ002619M0000	1/1
Emax E2.2		F	500*	PSVRE251+	1STQ004356B0000	PSVRE251A	1STQ002694M0000	1/1
				PSHS0509	1STQ005225B0000	PSHS0509A	1STQ002615M0000	1/1
			600*	PSVRE261+	1STQ004357B0000	PSVRE261A	1STQ002696M0000	1/1
				PSHS0609	1STQ005226B0000	PSHS0609A	1STQ002619M0000	1/1
		W	500	PSVRE250	1STQ004002B0000	PSVRE250A	1STQ002693M0000	1/1
			600	PSVRE260	1STQ004003B0000	PSVRE260A	1STQ002695M0000	1/1
Emax E4.2	2500	F	600*	PSVRE460+	1STQ004004B0000	PSVRE460A	1STQ002697M0000	1/1
				PSHS0609	1STQ005226B0000	PSHS0609A	1STQ002619M0000	1/1
	3200		800*	PSVRE480+	1STQ004005B0000	PSVRE480A	1STQ002701M0000	1/1
				PSHS1009	1STQ005420B0000	PSHS1009A	1STQ002624M0000	1/1
	4000	F	600	PSVRE461	1STQ004287B0000	PSVRE461A	1STQ002698M0000	1/1
			800	PSVRE481	1STQ004288B0000	PSVRE481A	1STQ002702M0000	1/1
	2500	W	600	PSVRE462	1STQ004291B0000	PSVRE462A	1STQ002699M0000	1/1
	3200		800	PSVRE482	1STQ004292B0000	PSVRE482A	1STQ002703M0000	1/1
	4000	W	600	PSVRE463	1STQ004293B0000	PSVRE463A	1STQ002700M0000	1/1
			800	PSVRE483	1STQ004294B0000	PSVRE483A	1STQ002704M0000	1/1
Emax E6.2	5000	F	1000	PSVRE610	1STQ004006B0000	PSVRE610A	1STQ002705M0000	1/1
			1200*	PSVRE612+	1STQ004007B0000	PSVRE612A	1STQ002707M0000	1/1
				PSHS1209	1STQ005421B0000	PSHS1209A	1STQ002626M0000	1/1
	5000 /6300	F	1350*	PSVRE618+	1STQ005505B0000	PSVRE618A	1STQ002713M0000	1/1
				PSHS1309	1STQ005422B0000	PSHS1309A	1STQ002627M0000	1/1
	6300	F	1000	PSVRE611	1STQ004289B0000	PSVRE611A	1STQ002706M0000	1/1
			1200*	PSVRE613+	1STQ004290B0000	PSVRE613A	1STQ002708M0000	1/1
				PSHS1209	1STQ005421B0000	PSHS1209A	1STQ002626M0000	1/1
	5000	W	1000	PSVRE614	1STQ004295B0000	PSVRE614A	1STQ002709M0000	1/1
			1200	PSVRE616	1STQ004296B0000	PSVRE616A	1STQ002711M0000	1/1
			1350	PSVRE619	1STQ005509B0000	PSVRE619A	1STQ002714M0000	1/1
	6300	W	1000	PSVRE615	1STQ004297B0000	PSVRE615A	1STQ002710M0000	1/1
			1200	PSVRE617	1STQ004298B0000	PSVRE617A	1STQ002712M0000	1/1
			1350	PSVRE620	1STQ005511B0000	PSVRE620A	1STQ002715M0000	1/1

* In order to reach Form 2a/3a it is necessary to order also PSHS.... code.

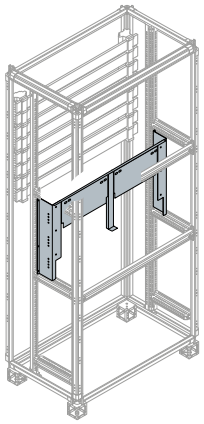
Go to page 2-8 for the main busbars selection.

Key:

F = fixed / W = withdrawable

Vertical circuit breaker kits

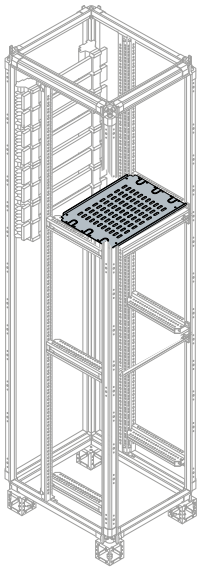
Order codes - Segregation Form 2a/3a



Rear segregation for side-by-side breakers

REAR SEGREGATION			Delivered in kit		Delivered assembled		
Breaker type	Esecution	External dimension (W)	Type	Order code	Type	Order code	Package/ No. pcs
Tmax T5	F/W	600	PSVRT541	1STQ004974B0000	PSVRT541A	1STQ002717M0000	1/1
Tmax T5/T6	F/W	800	PSVRT551	1STQ004975B0000	PSVRT551A	1STQ002719M0000	1/1
Tmax T7 Emax E1.2	F	800	PSVRT551	1STQ004975B0000	PSVRT551A	1STQ002719M0000	1/1
Tmax T6	F/W	1000	PSVRT641	1STQ004976B0000	PSVRT641A	1STQ002720M0000	1/1
Tmax T7 Emax E1.2	F	1000	PSVRT641	1STQ004976B0000	PSVRT641A	1STQ002720M0000	1/1
	W	800	PSVRT741	1STQ004979B0000	PSVRT741A	1STQ002722M0000	1/1
	W	1000	PSVRT751	1STQ004980B0000	PSVRT751A	1STQ002724M0000	1/1

Key:
F = fixed / W = withdrawable



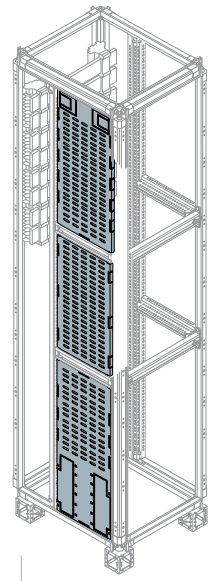
Universal horizontal segregations

The kit is composed by no.1 horizontal segregation form 2a/3a. It is necessary to order the universal horizontal segreation for all the rear segregations that have not already a specified additional plate. See (*) previous page.

External dimensions W (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
Horizontal segregation					
400	PSHS0400	1STQ004011B0000	PSHS0400A	1STQ002613M0000	1/1
500	PSHS0500	1STQ004012B0000	PSHS0500A	1STQ002614M0000	1/1
600	PSHS0601	1STQ004013B0000	PSHS0601A	1STQ002617M0000	1/1
800	PSHS0800	1STQ004014B0000	PSHS0800A	1STQ002620M0000	1/1
1000	PSHS1000	1STQ004015B0000	PSHS1000A	1STQ002622M0000	1/1
1200	PSHS1201	1STQ004016B0000	PSHS1201A	1STQ002625M0000	1/1

Vertical circuit breaker kits

Order codes - Segregation Form 2a-3a

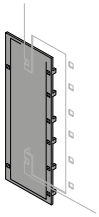


Side segregation

To cover the space between front and intermediate upright.

External dimensions H (mm)	D* (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Side segregation for middle compartmen						
600	300	PPVS6030	1STQ004008B0000	PPVS6030A	1STQ002494M0000	1/1
Side segregation for wiring duct compartment (top position)						
700	300	PPVT7530	1STQ004009B0000	PPVT7530A	1STQ002504M0000	1/1
Side segregation for N/PE compartment (bottom position)						
700	300	PPVB7530	1STQ004010B0000	PPVB7530A	1STQ002492M0000	1/1

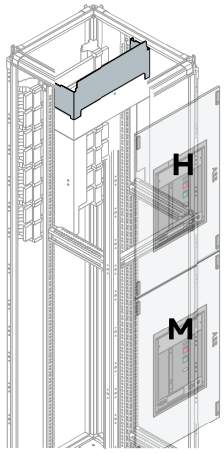
* until intermediate upright.

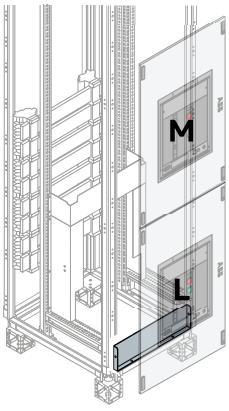


Rubber cover for closing compartments at the side

Rubber cover for closing compartments at the side and routing connections.

Cell dimensions (mm) H	Rubber dimensions (mm) H	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Rubber cover						
300	250	PPRS0300	1STQ008585A0000	PPRS0300A	1STQ003432M0000	1/1





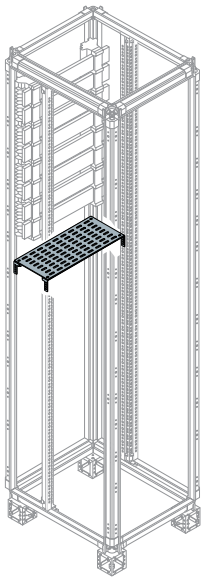
Column with coupler section-breaker on top/bottom

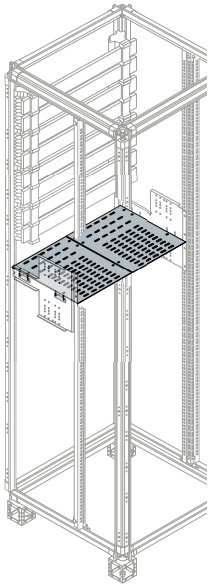
SEGREGATION REAR PANEL Breaker type	Execution	External dimension (W)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Breaker on top							
Tmax T6	F	400	PPVTT640	1STQ004017B0000	PPVTT640A	1STQ002506M0000	1/1
	F/W	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
Tmax T7	F	400	PPVTT640	1STQ004017B0000	PPVTT640A	1STQ002506M0000	1/1
	F	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
	W	500	PPVTT750	1STQ004020B0000	PPVTT750A	1STQ002508M0000	1/1
Emax E1.2	F	400	PPVTT640	1STQ004017B0000	PPVTT640A	1STQ002506M0000	1/1
	F	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
	W	500	PPVTT750	1STQ004020B0000	PPVTT750A	1STQ002508M0000	1/1
Emax E2.2	F	500	PPVTE250	1STQ004023B0000	PPVTE250A	1STQ002505M0000	1/1
Breaker on bottom							
Tmax T6	F	400	PPVTT640	1STQ004017B0000	PPVTT640A	1STQ002506M0000	1/1
	F/W	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
Tmax T7	F	400	PPVTT640	1STQ004017B0000	PPVTT640A	1STQ002506M0000	1/1
	F	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
	W	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
Emax E1.2	F	400	PPVTT640	1STQ004017B0000	PPVTT640A	1STQ002506M0000	1/1
	F	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
	W	500	PPVTT650	1STQ004018B0000	PPVTT650A	1STQ002507M0000	1/1
Emax E2.2	F	500	PPVTE250	1STQ004023B0000	PPVTE250A	1STQ002505M0000	1/1

Key:
F = fixed / W = withdrawable

Vertical circuit breaker kits

Order codes - Segregation Form 3b





Horizontal segregation for incomer/outgoer

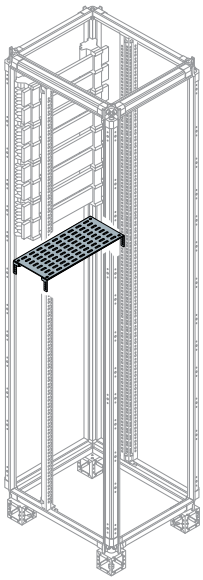
It is used to separate the incoming zone from the outgoing zone.

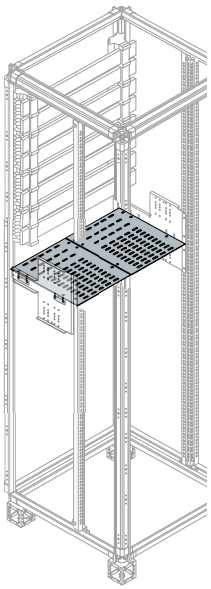
Breaker type	Esecution	External dimension (mm) W	D	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax T5	F	400	600	3	PSHF6040	1STQ004033B0000	PSHF6040A	1STQ002584M0000	1/1
		500		4	PSHF6050	1STQ004034B0000	PSHF6050A	1STQ002585M0000	1/1
		400	800	3	PSHF8040	1STQ004035B0000	PSHF8040A	1STQ002597M0000	1/1
		500		4	PSHF8050	1STQ004036B0000	PSHF8050A	1STQ002598M0000	1/1
		400	1000	3	PSHF1040	1STQ004037B0000	PSHF1040A	1STQ002578M0000	1/1
		500		4	PSHF1050	1STQ004038B0000	PSHF1050A	1STQ002579M0000	1/1
	W	400	600	3	PSHW6040	1STQ004039B0000	PSHW6040A	1STQ002629M0000	1/1
		500		4	PSHW6050	1STQ004040B0000	PSHW6050A	1STQ002630M0000	1/1
		400	800	3	PSHW8040	1STQ004041B0000	PSHW8040A	1STQ002641M0000	1/1
		500		4	PSHW8050	1STQ004042B0000	PSHW8050A	1STQ002643M0000	1/1
Tmax T6	F	400	600	3	PSHF6040	1STQ004033B0000	PSHF6040A	1STQ002584M0000	1/1
		500		4	PSHF6160	1STQ004046B0000	PSHF6160A	1STQ002587M0000	1/1
		400	800	3	PSHF8040	1STQ004035B0000	PSHF8040A	1STQ002597M0000	1/1
		600		4	PSHF8160	1STQ004048B0000	PSHF8160A	1STQ002600M0000	1/1
		600	1000*	4	PSHF1160	1STQ004050B0000	PSHF1160A	1STQ002580M0000	1/1
	W	400	600	3	PSHW6050	1STQ004040B0000	PSHW6050A	1STQ002630M0000	1/1
		600		4	PSHW6160	1STQ004052B0000	PSHW6160A	1STQ002633M0000	1/1
		400	800	3	PSHW6050	1STQ004040B0000	PSHW6050A	1STQ002630M0000	1/1
		500		4	PSHW8050	1STQ004042B0000	PSHW8050A	1STQ002643M0000	1/1
Tmax T7	F	400	600	3	PSHF6240	1STQ004057B0000	PSHF6240A	1STQ002589M0000	1/1
		500		3	PSHF6253	1STQ004825B0000	PSHF6253A	1STQ002591M0000	1/1
		600		4	PSHF6260	1STQ004058B0000	PSHF6260A	1STQ002592M0000	1/1
		400	800	3	PSHF8240	1STQ004059B0000	PSHF8240A	1STQ002602M0000	1/1
		500		3	PSFH8250	1STQ004826B0000	PSFH8250A	1STQ002547M0000	1/1
		600		4	PSHF8260	1STQ004060B0000	PSHF8260A	1STQ002604M0000	1/1
	W	500	600	3	PSHW6250	1STQ004063B0000	PSHW6250A	1STQ002634M0000	1/1
		600		4	PSHW6260	1STQ004064B0000	PSHW6260A	1STQ002636M0000	1/1
		500	800	3	PSHW8250	1STQ004065B0000	PSHW8250A	1STQ002646M0000	1/1
		600		4	PSHW8260	1STQ004066B0000	PSHW8260A	1STQ002648M0000	1/1
Emax E1.2	F	400	600	3	PSHF6240	1STQ004057B0000	PSHF6240A	1STQ002589M0000	1/1
		500		3	PSHF6253	1STQ004825B0000	PSHF6253A	1STQ002591M0000	1/1
		600		4	PSHF8240	1STQ004059B0000	PSHF8240A	1STQ002602M0000	1/1
		400	800	3	PSHF8260	1STQ004060B0000	PSHF8260A	1STQ002604M0000	1/1
		500		3	PSFH8250	1STQ004826B0000	PSFH8250A	1STQ002547M0000	1/1
	W	500	600	3	PSHW6250	1STQ004063B0000	PSHW6250A	1STQ002634M0000	1/1
		600		4	PSHW6260	1STQ004064B0000	PSHW6260A	1STQ002636M0000	1/1
		500	800	3	PSHW8250	1STQ004065B0000	PSHW8250A	1STQ002646M0000	1/1
		600		4	PSHW8260	1STQ004066B0000	PSHW8260A	1STQ002648M0000	1/1

CONTINUES

Vertical circuit breaker kits

Order codes - Segregation Form 3b





Horizontal segregation for incomer/outgoer

It is used to separate the incoming zone from the outgoing zone.

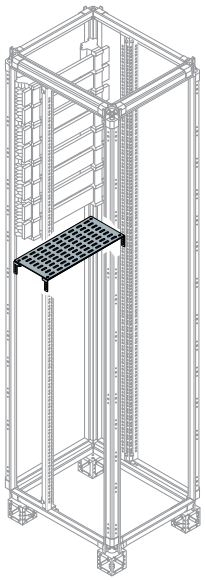
Breaker type	Esecution	External dimension (mm) W	D	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Emax E2.2	F	500	600	3	PSHF6450	1STQ004081B0000	PSHF6450A	1STQ002594M0000	1/1
		600		4	PSHF6460	1STQ004082B0000	PSHF6460A	1STQ002595M0000	1/1
		500	800	3	PSHF8450	1STQ004083B0000	PSHF8450A	1STQ002606M0000	1/1
		600		4	PSHF8460	1STQ004084B0000	PSHF8460A	1STQ002607M0000	1/1
	W	500	600	3	PSHW6450	1STQ004087B0000	PSHW6450A	1STQ002638M0000	1/1
		600		4	PSHW6460	1STQ004088B0000	PSHW6460A	1STQ002639M0000	1/1
		500	800	3	PSHW8450	1STQ004089B0000	PSHW8450A	1STQ002650M0000	1/1
		600		4	PSHW8460	1STQ004090B0000	PSHW8460A	1STQ002651M0000	1/1
Emax E4.2	F	800	600	4	PSHF6580	1STQ004094B0000	PSHF6580A	1STQ002596M0000	1/1
		600	800	3	PSHF8460	1STQ004084B0000	PSHF8460A	1STQ002607M0000	1/1
		800		4	PSHF8580	1STQ004096B0000	PSHF8580A	1STQ002608M0000	1/1
		800	1000*	4	PSHF1580	1STQ004098B0000	PSHF1580A	1STQ002581M0000	1/1
	W	800	600	4	PSHW6580	1STQ004100B0000	PSHW6580A	1STQ002640M0000	1/1
		600	800	3	PSHW8460	1STQ004090B0000	PSHW8460A	1STQ002651M0000	1/1
		800		4	PSHW8580	1STQ004102B0000	PSHW8580A	1STQ002652M0000	1/1
		800	1000*	4	PSHF1580	1STQ004098B0000	PSHF1580A	1STQ002581M0000	1/1
Emax E6.2	F	1000	800	3	PSHF8610	1STQ004107B0000	PSHF8610A	1STQ002609M0000	1/1
		1200		4	PSHF8612	1STQ004108B0000	PSHF8612A	1STQ002610M0000	1/1
		1000	1000*	3	PSHF1610	1STQ004109B0000	PSHF1610A	1STQ002582M0000	1/1
		1200		4	PSHF1612	1STQ004110B0000	PSHF1612A	1STQ002583M0000	1/1
	W	1000	800	3	PSHW8610	1STQ004113B0000	PSHW8610A	1STQ002653M0000	1/1
		1200		4	PSHW8612	1STQ004114B0000	PSHW8612A	1STQ002654M0000	1/1
		1000	1000*	3	PSHF1610	1STQ004109B0000	PSHF1610A	1STQ002582M0000	1/1
		1200		4	PSHF1612	1STQ004110B0000	PSHF1612A	1STQ002583M0000	1/1
	F	1350	800	4HSP	SHF8613	1STQ005513B0000	PSHF8613A	1STQ002611M0000	1/1
	W	1350	800	4HSP	SHF8614	1STQ005517B0000	PSHF8614A	1STQ002612M0000	1/1
	F	1350	1000*	4	PSVR1013	1STQ004650B0000	PSVR1013A	1STQ002692M0000	1/1

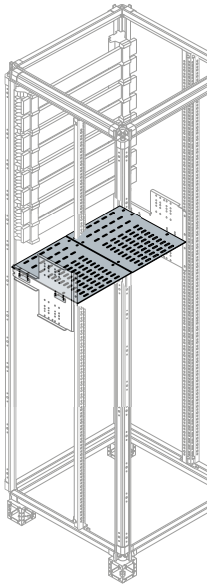
* For segregation Form 3b in D=1000mm enclosures, it is necessary to order also the corresponding code for D=800mm enclosures. Eg.: for E6.2 F 3 poles, order code PSHF1610 + PSHF8610.

Key:
F = fixed / W = withdrawable

Vertical circuit breaker kits

Order codes - Segregation Form 3b





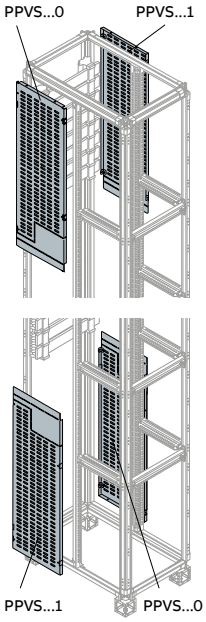
Horizontal segregation for incomer/outgoer side-by-side breaker Form 3b

Breaker type	Esecution	External dimension (mm) W	D	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax T5	F	800	600	4	PSHF6051	1STQ004985B0000	PSHF6051A	1STQ002586M0000	1/1
		800	800	4	PSHF8051	1STQ004987B0000	PSHF8051A	1STQ002599M0000	1/1
	W	800	600	3	PSHW8041	1STQ004992B0000	PSHW8041A	1STQ002642M0000	1/1
		1000	600	4	PSHW6052	1STQ004991B0000	PSHW6052A	1STQ002631M0000	1/1
		1000	800	3	PSHW8052	1STQ004993B0000	PSHW8052A	1STQ002644M0000	1/1
Tmax T6	F	1000	600	4	PSHF6162	1STQ004997B0000	PSHF6162A	1STQ002588M0000	1/1
		1000	800	4	PSHF8161	1STQ004999B0000	PSHF8161A	1STQ002601M0000	1/1
	W	800	600	3	PSHW6151	1STQ005002B0000	PSHW6151A	1STQ002632M0000	1/1
		800	800	3	PSHW8151	1STQ005004B0000	PSHW8151A	1STQ002645M0000	1/1
Tmax T7	F	800	600	3	PSHF6241	1STQ005008B0000	PSHF6241A	1STQ002590M0000	1/1
		1000		4	PSHF6261	1STQ005009B0000	PSHF6261A	1STQ002593M0000	1/1
		800	800	3	PSHF8241	1STQ005010B0000	PSHF8241A	1STQ002603M0000	1/1
		1000		4	PSHF8261	1STQ005011B0000	PSHF8261A	1STQ002605M0000	1/1
	W	800	600	3	PSHW6251	1STQ005014B0000	PSHW6251A	1STQ002635M0000	1/1
		1000		4	PSHW6261	1STQ005015B0000	PSHW6261A	1STQ002637M0000	1/1
		800	800	3	PSHW8251	1STQ005016B0000	PSHW8251A	1STQ002647M0000	1/1
		1000		4	PSHW8261	1STQ005017B0000	PSHW8261A	1STQ002649M0000	1/1

Key:
F = fixed / W = withdrawable

Vertical circuit breaker kits

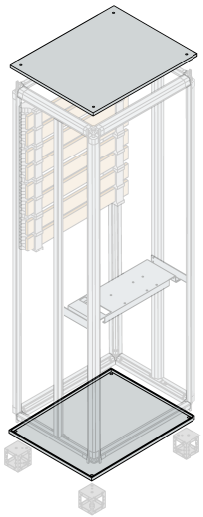
Order codes - Segregation Form 4b



Side segregation for column top/bottom - form 4b

It is used to cover the space between the intermediate upright and the rear upright. To be ordered 2 pieces to segregate the total height. Selected the codes according to the position in the drawing.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Side segregation						
1000	600	PPVS7161	1STQ005645B0000	PPVS7161A	1STQ002499M0000	1/1
1000	800	PPVS7181	1STQ005646B0000	PPVS7181A	1STQ002500M0000	1/1
1000	1000	PPVS7111	1STQ005647B0000	PPVS7111A	1STQ002498M0000	1/1
1000	600	PPVS7060	1STQ004117B0000	PPVS7060A	1STQ002496M0000	1/1
1000	800	PPVS7080	1STQ004118B0000	PPVS7080A	1STQ002497M0000	1/1
1000	1000	PPVS7010	1STQ004119B0000	PPVS7010A	1STQ002495M0000	1/1



Blind Top/Bottom – Pickled sheet steel

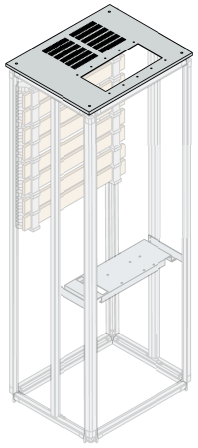
Pickled sheet steel without gasket. The article comprises one single component that can be used as either a top or bottom. In order to purchase both the top and the bottom, please order two quantities of the same code or two different top/bottom codes according to the desired design of the structure. The code includes four M12x20 screws.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind Top/Bottom						
400	600	PTBB3050	1STQ007109A0000	PTBB3050A	1STQ002785M0000	1/1
	800	PTBB3070	1STQ007110A0000	PTBB3070A	1STQ002786M0000	1/1
	1000	PTBB3090	1STQ007111A0000	PTBB3090A	1STQ002787M0000	1/1
500	600	PTBB4050	1STQ007114A0000	PTBB4050A	1STQ002788M0000	1/1
	800	PTBB4070	1STQ007115A0000	PTBB4070A	1STQ002790M0000	1/1
	1000	PTBB4090	1STQ007116A0000	PTBB4090A	1STQ002792M0000	1/1
600	600	PTBB5057	1STQ009407A0000	PTBB5057A	1STQ002796M0000	1/1
	800	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	1000	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
800	600	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	800	PTBB7072	1STQ003358B0000	PTBB7072A	1STQ002805M0000	1/1
	1000	PTBB7092	1STQ003359B0000	PTBB7092A	1STQ002807M0000	1/1
1000	600	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
	800	PTBB9070	1STQ003600B0000	PTBB9070A	1STQ002818M0000	1/1
	1000	PTBB9092	1STQ003360B0000	PTBB9092A	1STQ002821M0000	1/1
1200*	600	PTBB1150	1STQ003361B0000	PTBB1150A	1STQ002761M0000	1/1
	800	PTBB1170	1STQ003362B0000	PTBB1170A	1STQ002763M0000	1/1
	1000	PTBB1190	1STQ003363B0000	PTBB1190A	1STQ002765M0000	1/1
1350*	600	PTBB1250	1STQ001316B0000	PTBB1250A	1STQ002770M0000	1/1
	800	PTBB1270	1STQ001317B0000	PTBB1270A	1STQ002773M0000	1/1
	1000	PTBB1290	1STQ007131A0000	PTBB1290A	1STQ002776M0000	1/1

* In case of column with width=1200mm and 1350mm, order PBRP0004 as a support to the neutral busbar. For order code, go to page 2-35.

Vertical circuit breaker kits

Order codes - External cover for vertical circuit breakers kit

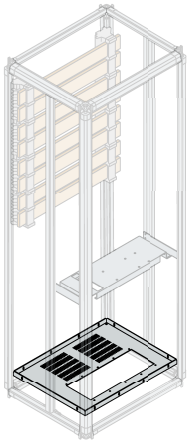


Open top external panel - without gasket

Pickled sheet steel without gasket. to be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Open top/bottom						
400	600	PTBO3050	1STQ007137A0000	PTBO3050A	1STQ002822M0000	1/1
	800	PTBO3070	1STQ007138A0000	PTBO3070A	1STQ002823M0000	1/1
	1000	PTBO3090	1STQ007139A0000	PTBO3090A	1STQ002824M0000	1/1
500	600	PTBB4051	1STQ003370B0000	PTBB4051A	1STQ002789M0000	1/1
	800	PTBB4071	1STQ003371B0000	PTBB4071A	1STQ002791M0000	1/1
	1000	PTBB4091	1STQ003372B0000	PTBB4091A	1STQ002793M0000	1/1
600	600	PTBB5051	1STQ003373B0000	PTBB5051A	1STQ002795M0000	1/1
	800	PTBB5071	1STQ003374B0000	PTBB5071A	1STQ002798M0000	1/1
	1000	PTBB5091	1STQ003375B0000	PTBB5091A	1STQ002801M0000	1/1
800	600	PTBB7051	1STQ004169B0000	PTBB7051A	1STQ002803M0000	1/1
	800	PTBB7071	1STQ003598B0000	PTBB7071A	1STQ002804M0000	1/1
	1000	PTBB7091	1STQ003597B0000	PTBB7091A	1STQ002806M0000	1/1
1000	600	PTBB9051	1STQ004170B0000	PTBB9051A	1STQ002817M0000	1/1
	800	PTBB9071	1STQ003599B0000	PTBB9071A	1STQ002819M0000	1/1
	1000	PTBB9091	1STQ003601B0000	PTBB9091A	1STQ002820M0000	1/1
1200*	600	PTBB1151	1STQ003602B0000	PTBB1151A	1STQ002762M0000	1/1
	800	PTBB1171	1STQ003603B0000	PTBB1171A	1STQ002764M0000	1/1
	1000	PTBB1191	1STQ003604B0000	PTBB1191A	1STQ002766M0000	1/1
1350*	600	PTBB1251	1STQ003382B0000	PTBB1251A	1STQ002771M0000	1/1
	800	PTBB1271	1STQ003383B0000	PTBB1271A	1STQ002774M0000	1/1
	1000	PTBB1291	1STQ003384B0000	PTBB1291A	1STQ002777M0000	1/1

* In case of column with width=1200mm and 1350mm, order PBRP0004 as a support to the neutral busbar. For order code, go to page 2-35.



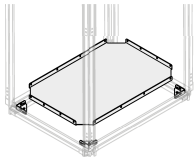
Internal bottom - without gasket

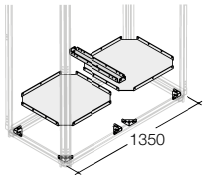
Zinc-coated sheet metal without gasket. To be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Internal top/bottom						
400	600	PBWP3051	1STQ004147B0000	PBWP3051A	1STQ001534M0000	1/1
	800	PBWP3071	1STQ004148B0000	PBWP3071A	1STQ001535M0000	1/1
	1000	PBWP3091	1STQ004149B0000	PBWP3091A	1STQ001536M0000	1/1
500	600	PBWP4051	1STQ004150B0000	PBWP4051A	1STQ001537M0000	1/1
	800	PBWP4071	1STQ004151B0000	PBWP4071A	1STQ001538M0000	1/1
	1000	PBWP4091	1STQ004152B0000	PBWP4091A	1STQ001539M0000	1/1
600	600	PBWP5051	1STQ004153B0000	PBWP5051A	1STQ001540M0000	1/1
	800	PBWP5071	1STQ004154B0000	PBWP5071A	1STQ001541M0000	1/1
	1000	PBWP5091	1STQ004155B0000	PBWP5091A	1STQ001542M0000	1/1
800	600	PBWP1170	1STQ003389B0000	PBWP1170A	1STQ001525M0000	1/1
	800	PBWP7071	1STQ003385B0000	PBWP7071A	1STQ001543M0000	1/1
	1000	PBWP7091	1STQ003386B0000	PBWP7091A	1STQ001544M0000	1/1
1000	600	PBWP1150	1STQ003388B0000	PBWP1150A	1STQ001523M0000	1/1
	800	PBWP9071	1STQ004159B0000	PBWP9071A	1STQ001548M0000	1/1
	1000	PBWP9091	1STQ003387B0000	PBWP9091A	1STQ001549M0000	1/1
1200	600	PBWP1151	1STQ004163B0000	PBWP1151A	1STQ001524M0000	1/1
	800	PBWP1171	1STQ004164B0000	PBWP1171A	1STQ001526M0000	1/1
	1000	PBWP1191	1STQ004165B0000	PBWP1191A	1STQ001527M0000	1/1
1350	600	PBWP1251	1STQ004166B0000	PBWP1251A	1STQ001528M0000	1/1
	800	PBWP1271	1STQ004167B0000	PBWP1271A	1STQ001529M0000	1/1
	1000	PBWP1291	1STQ004168B0000	PBWP1291A	1STQ001530M0000	1/1

Vertical circuit breaker kits

Order codes - External cover for vertical circuit breakers kit

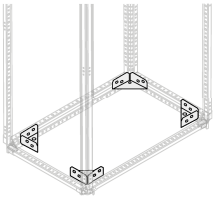




Internal blind bottom for column without plinth

Internal galvanized steel bottom with special brackets kit included (special brackets kit available also as spare part with the code PBRB0004) without gasket.

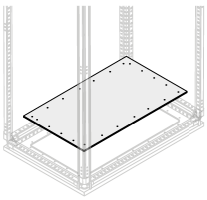
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Internal blind bottom						
400	600	PBWP3050	1STQ007173A0000	PBWP3050A	1STQ001299M0000	1/1
400	800	PBWP3070	1STQ007174A0000	PBWP3070A	1STQ003526M0000	1/1
400	1000	PBWP3090	1STQ007175A0000	PBWP3090A	1STQ003527M0000	1/1
500	600	PBWP4050	1STQ007178A0000	PBWP4050A	1STQ003528M0000	1/1
500	800	PBWP4070	1STQ007179A0000	PBWP4070A	1STQ003529M0000	1/1
500	1000	PBWP4090	1STQ007180A0000	PBWP4090A	1STQ003530M0000	1/1
600	600	PBWP5050	1STQ007181A0000	PBWP5050A	1STQ001200M0000	1/1
600	800	PBWP5070	1STQ007182A0000	PBWP5070A	1STQ001201M0000	1/1
1350	600	PBWP1250	1STQ007201A0000	PBWP1250A	1STQ001212M0000	1/1
1350	800	PBWP1270	1STQ007202A0000	PBWP1270A	1STQ001213M0000	1/1



Brackets for bottoms

The kit allows the mounting of the angle pieces PPAM.... from the inside of the structure or the application of enclosures without plinth when combined with the proper internal bottom PBWP.... without gasket or the other bottom codes available that have to be cut according to the drilling indication in chapter 8.

	Delivered in kit		Delivered assembled		Package/
Description	Type	Order code	Type	Order code	No. pcs
No. 4 brackets for bottoms without plinth	PBRB0004	1STQ008127A0000	PBRB0004A	1STQ003401M0000	1/4



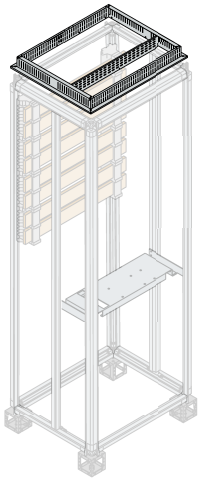
Fixed incoming cable flange

Fixed incoming cable flange in sheet metal to use in conjunction with the open bottom to guarantee IP65 protection class. With internal cable compartment crosspieces it is necessary to mount the fixed flange first.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Fixed incoming cable flange						
300	500	PFCF3050	1STQ007660A0000	PFCF3050A	1STQ001888M0000	1/1
	700	PFCF3070	1STQ007661A0000	PFCF3070A	1STQ001889M0000	1/1
	900	PFCF3090	1STQ007662A0000	PFCF3090A	1STQ001890M0000	1/1

Vertical circuit breaker kits

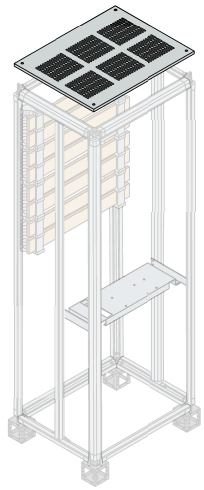
Order codes - External cover for vertical circuit breakers kit



Elevated top - without gasket

Elevated top without gasket. To favor heat dissipation inside the column.

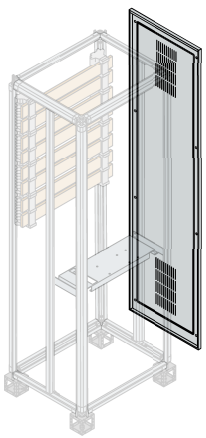
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Elevated top						
400	1000	PKTE4010	1STQ004172B0000	PKTE4010A	1STQ002401M0000	1/1
500		PKTE5010	1STQ004173B0000	PKTE5010A	1STQ002402M0000	1/1
600		PKTE6010	1STQ004174B0000	PKTE6010A	1STQ002403M0000	1/1
800		PKTE8010	1STQ004175B0000	PKTE8010A	1STQ002404M0000	1/1
1000		PKTE1010	1STQ004177B0000	PKTE1010A	1STQ002396M0000	1/1
1200		PKTE1210	1STQ004179B0000	PKTE1210A	1STQ002398M0000	1/1
1350		PKTE1310	1STQ004180B0000	PKTE1310A	1STQ002399M0000	1/1



Aerated top - without gasket

Aerated top without gasket Pickled sheet metal with gasket.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated top						
400	1000	PKTA4010	1STQ004182B0000	PKTA4010A	1STQ002391M0000	1/1
500		PKTA5010	1STQ004183B0000	PKTA5010A	1STQ002392M0000	1/1
600		PKTA6010	1STQ004184B0000	PKTA6010A	1STQ002393M0000	1/1
800		PKTA8010	1STQ004185B0000	PKTA8010A	1STQ002394M0000	1/1
1000		PKTA1010	1STQ004187B0000	PKTA1010A	1STQ002386M0000	1/1
1200		PKTA1210	1STQ004189B0000	PKTA1210A	1STQ002388M0000	1/1
1350		PKTA1310	1STQ004190B0000	PKTA1310A	1STQ002389M0000	1/1



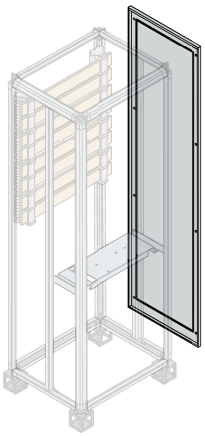
External aerated side panel - with gasket

Pickled sheet steel with ventilation grid with gasket. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated side panel						
2200	600	PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1
	800	PPEA2071	1STQ003532B0000	PPEA2071A	1STQ002415M0000	1/1
	1000	PPEA2091	1STQ003534B0000	PPEA2091A	1STQ002417M0000	1/1

Vertical circuit breaker kits

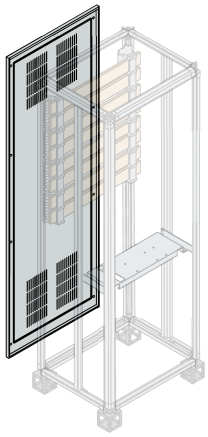
Order codes - External cover for vertical circuit breakers kit



External blind side panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind side panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1

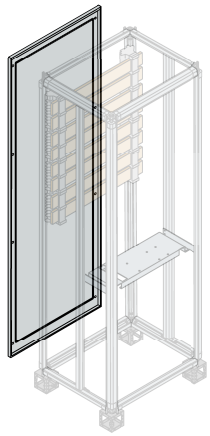


External aerated rear panel - with gasket

Pickled sheet steel with gasket and ventilation grid.

External dimensions			Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)		Type	Order code	Type	Order code	No. pcs
Aerated rear panel							
2200	400		PPEA2031	1STQ003529B0000	PPEA2031A	1STQ002412M0000	1/1
	500		PPEA2041	1STQ003530B0000	PPEA2041A	1STQ002413M0000	1/1
	600		PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1
	800		PPEA2071	1STQ003532B0000	PPEA2071A	1STQ002415M0000	1/1
	1000		PPEA2091	1STQ003534B0000	PPEA2091A	1STQ002417M0000	1/1
	1200*		PPEA2012	1STQ003536B0000	PPEA2012A	1STQ002408M0000	1/1
	1350*	right	PPEA2013	1STQ003537B0000	PPEA2013A	1STQ002409M0000	1/1
		left	PPEA2014	1STQ004143B0000	PPEA2014A	1STQ002410M0000	

* In case of column with width=1200mm and 1350mm, order PBRP0004 as a support to the neutral busbar. For order code, go to page 2-35.



External blind rear panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

External dimensions			Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)		Type	Order code	Type	Order code	No. pcs
Aerated rear panel							
2200	400		PPEB2036	1STQ007589A0000	PPEB2036A	1STQ002423M0000	1/1
	500		PPEB2046	1STQ007590A0000	PPEB2046A	1STQ002424M0000	1/1
	600		PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800		PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000		PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1
	1200*		PPEB2012	1STQ003546B0000	PPEB2012A	1STQ002418M0000	1/1
	1350*	right	PPEB2013	1STQ003547B0000	PPEB2013A	1STQ002419M0000	1/1
		left	PPEB2014	1STQ004142B0000	PPEB2014A	1STQ002420M0000	

* In case of column with width=1200mm and 1350mm, order PBRP0004 as a support to the neutral busbar. For order code, go to page 2-35.

Vertical breaker for CTs application
Range description

A complete and type tested range of main distribution board solutions up to 4000A, composed by an incoming sections with ACBs up to E4.2 or MCCBs and an outgoing sections with MCCBs up to XT7, fuse switch disconnectors, CombiLine system.

Main features

H (ext. with plinth): 2200mm
W (ext. w/o covers): 350, 400, 500, 600, 800, 850, 1000, 1100, 1200, 1350mm
D (ext. w/o covers): 600, 800, 1000mm
IP protection class: IP30/31 (aerated version), IP40, IP41, IP65 (CombiLine section only)

Compliance with Standard		IEC 61439-1/2, IEC 60439-1
Approvals		LOVAG
Vibration test		IEC 60068-2-57
Antiseismic Test Standard		IEEE Std 693
Conditions of installation		Indoor, floor mounting
Ambient temperature, average value 24h		+35 °C
Ambient temperature, maximum value		+40 °C
Ambient temperature, minimum value		-5 °C
Pollution degree		3
Protection class		I (earthed)
Rated current In		up to 4000A
Rated short-time withstand current Icw		up to 75kA
Rated peak short-circuit current Ipk		up to 165kA
Rated service voltage Ue		400/415V AC
Rated insulation voltage Ui		1000V AC 1500V DC
Rated frequency		50-60Hz
Rated impulse withstand voltage Uimp		12kV
IP protection class		IP30, IP31, IP40, IP41, IP54, IP65 (CombiLine section only)
Painting	**Enclosure**	RAL 7035
	Plinth	RAL 7012
Protection against mechanical impact IEC62262	**Glazed door**	IK09
Protection against mechanical impact IEC62262	**Blind door, without door**	IK10
External dimension (see more details in overall dimensions chapter).	**Height (mm) without plinth (+100, 200 mm with plinth)**	2100
	Width (mm)	350, 400, 500, 600, 800, 850, 1000, 1100, 1350
	Depth (mm)	600, 800, 1000

Electrical features

Segregation forms

- 3a, 3b, 4a/4b

Incoming/Outgoing section

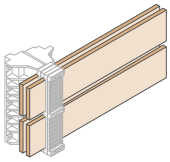
- Breaker: from Tmax XT5 to Emax E4.2 In: up to 4000 A
- Breaker kit Tmax XT5 in vertical installation: rating 400/630 A
  - Blind panels
  - Segregations
  - Side-by-side configuration available
- Breaker kit Tmax XT7 in vertical installation: rating 800 A, 1000 A, 1250 A, 1600 A
  - Blind panels
  - Segregations
  - Coupler and side-by-side configurations available
- Breaker kit Emax E1.2 in vertical installation
  - Blind panels
  - Segregations
  - Side-by-side configurations available
- Breaker kit Emax E2.2 in vertical installation
  - Blind panels
  - Segregations
  - Coupler configuration available
- Breaker kit Emax E4.2 in vertical installation
  - Blind panels
  - Segregations

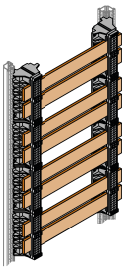
Outgoing section

- WWD or WFD solution
- Breakers from Tmax XT1 to Tmax XT5 400/630 A horizontal
- SlimLine 50mm
- Fuse switch disconnector: size 00-1-2-3 of InLine II ZHBM, Jean Müller SL, Wöhner QU185, Efen E3
- Possibility to mount SlimLine 3-4 poles in the same column
- Distribution busbars: 60x10 (1600 A),80x10 (2000 A) up to 75 kA in XLH 50mm
- Connection between distribution and main busbars
- Blind panels
- Connection to the main busbars

Vertical breaker for CTs application
Selection of the busbars type

Main compact busbars quick selection guide

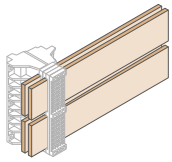


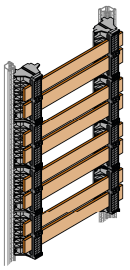


		External dimensions			
MBB rating In	**MBB Ieff**	**W (mm)**	**D (mm)**	**Cross section per phase/N100%**	**4 phases configuration FS**
1000A	**1500A**	**350**	**600**	2 x 20 x 10	4 x PCFB1035
1250A		**400**	**600**		4 x PCFB1040
		500	**600**		4 x PCFB1050
		600	**600**		4 x PCFB1060
		800	**600**		4 x PCFB1080
		850	**600**		4 x PCFB1085
		1000	**600**		4 x PCFB1010
		1100	**600**		4 x PCFB1011
		1200	**600**		4 x PCFB1012
		1350	**600**		4 x PCFB1013
1600A	**1600A**	**350**	**600**	2 x 40 x 10	4 x PCFB1635
2000A	**1800A**	**400**	**600**		4 x PCFB1640
		500	**600**		4 x PCFB1650
		600	**600**		4 x PCFB1660
		800	**600**		4 x PCFB1680
		850	**600**		4 x PCFB1685
		1000	**600**		4 x PCFB1610
		1100	**600**		4 x PCFB1611
		1200	**600**		4 x PCFB1612
		1350	**600**		4 x PCFB1613
2500A	**2500A**	**350**	**600**	2 x 80 x 10	4 x PCFB3235
	2650A	**400**	**600**		4 x PCFB3240
		500	**600**		4 x PCFB3250
		600	**600**		4 x PCFB3260
		800	**600**		4 x PCFB3280
		850	**600**		4 x PCFB3285
		1000	**600**		4 x PCFB3210
		1100	**600**		4 x PCFB3211
		1200	**600**		4 x PCFB3212
		1350	**600**		4 x PCFB3213

CONTINUES

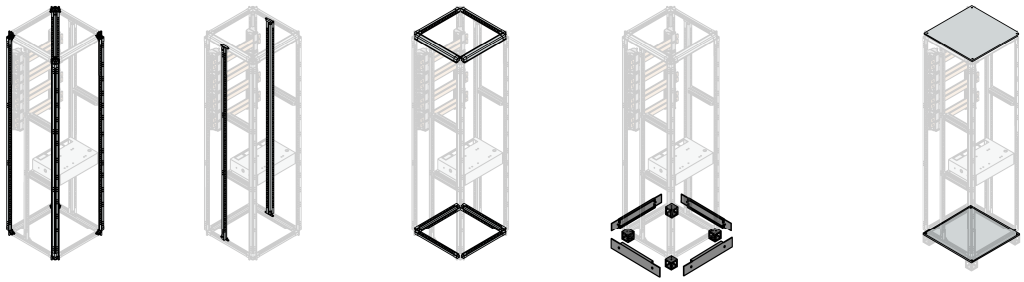
Main compact busbars quick selection guide





		External dimensions			
MBB rating In	**MBB Ieff**	**W (mm)**	**D (mm)**	**Cross section per phase/N100%**	**4 phases configuration FS**
3200A	**3200A**	**350**	**600**	4 x 40 x 10mm	4 x PCFB3235
		400	**600**		4 x PCFB3240
		500	**600**		4 x PCFB3250
		600	**600**		4 x PCFB3260
		800	**600**		4 x PCFB3280
		850	**600**		4 x PCFB3285
		1000	**600**		4 x PCFB3210
		1100	**600**		4 x PCFB3211
		1200	**600**		4 x PCFB3212
		1350	**600**		4 x PCFB3213
4000A	**3400A**	**350**	**800**	4 x 60 x 10mm	4 x PCFB4035
		400	**800**		4 x PCFB4040
		500	**800**		4 x PCFB4050
		600	**800**		4 x PCFB4060
		800	**800**		4 x PCFB4080
		850	**800**		4 x PCFB4085
		1000	**800**		4 x PCFB4010
		1100	**800**		4 x PCFB4011
		1200	**800**		4 x PCFB4012
		1350	**800**		4 x PCFB4013

Vertical breaker for CTs application
Quick selection guide

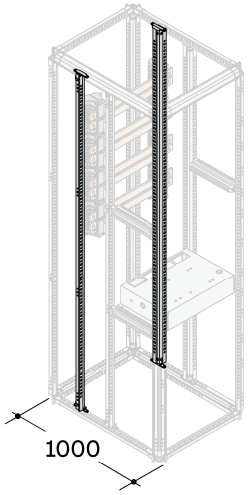


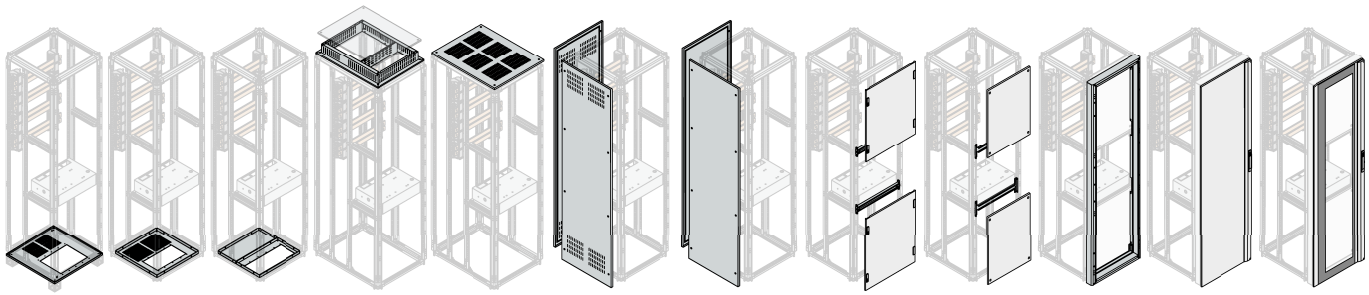
						FRAME							COVERS	
Functional dimensions			External dimensions			Uprights	Intermediate uprights for internal mounting kits and busbars *	Structure crosspieces Galvanized sheet metal		H=100mm plinth	Plinth flanges		External Top/bottom	
H (mm)	W (mm)	D (mm)	H (mm)	W (mm)	D (mm)	Galvanized sheet metal	Galvanized sheet metal	Front/Rear	Side	Angle pieces	Front/ Rear	Side	Blind	
2000	400	500	2100	500	600	PUPM2001	PUPM2011	PCFM0400	PCFM0500	PPAM0100	PPFM1040	PPFM1050	PTBB4050	
		700			800				PCFM0700			PPFM1070	PTBB4070	
		900			1000				PCFM0900			PPFM1090	PTBB4090	
	500	500		600	600			PCFM0500	PCFM0500	PPAM0100	PPFM1050	PPFM1050	PTBB5057	
		700			800				PCFM0700			PPFM1070	PTBB5070	
		900			1000				PCFM0900			PPFM1090	PTBB5090	
	700	500		800	600			PCFM0700	PCFM0500	PPAM0100	PPFM1070	PPFM1050	PTBB5070	
		700			800				PCFM0700			PPFM1070	PTBB7072	
		900			1000				PCFM0900			PPFM1090	PTBB7092	
	900	500		1000	600			PCFM0900	PCFM0500	PPAM0100	PPFM1090	PPFM1050	PTBB5090	
		700			800				PCFM0700			PPFM1070	PTBB9070	
		900			1000				PCFM0900			PPFM1090	PTBB9092	

—

* For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

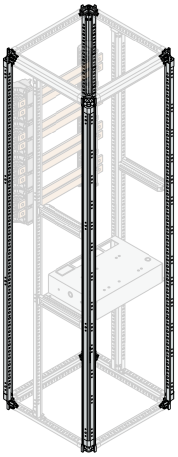
** Handle to be ordered separately PHLS0010.





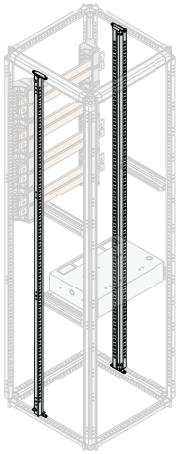
External bottom	Internal bottom	Internal bottom two part	Elevated top	Aerated top	Side Panel		Rear Panel		Front panel top/bottom without door	Front panel top/bottom with door	Frame for external door	Doors **	
Open			D=1000mm	D=1000mm	Areated	Blind	Areated	Blind	H=750mm	H=750mm		Blind	Glass
PTBB4051	PBWP4051	PBWP4055			PPEA2051	PPEB2056	PPEA2041	PPEB2046	PPNT0640	PPNT0631	PEFD0500	PDLB2041	PDLG2043
PTBB4071	PBWP4071	PBWP4065			PPEA2071	PPEB2076							
PTBB4091	PBWP4091	PBWP4095	PKTE5010	PKTA5010	PPEA2091	PPEB2096							
PTBB5051	PBWP5051	PBWP5055			PPEA2051	PPEB2056	PPEA2051	PPEB2056	PPNT0650	PPNT0641	PEFD0600	PDLB2053	PDLG2058
PTBB5071	PBWP1170	PBWP5075			PPEA2071	PPEB2076							
PTBB5091	PBWP1150	PBWP5095	PKTE6010	PKTA6010	PPEA2091	PPEB2096							
PTBB7051	PBWP1170	PBWP1165			PPEA2051	PPEB2056	PPEA2071	PPEB2076	PPNT0670	PPNT0651	PEFD0800	PDLB2061	PDLG2072
PTBB7071	PBWP7071	PBWP7065			PPEA2071	PPEB2076							
PTBB7091	PBWP7091	PBWP7095	PKTE8010	PKTA8010	PPEA2091	PPEB2096							
PTBB9051	PBWP1150	PBWP1155			PPEA2051	PPEB2056	PPEA2091	PPEB2096	PPNT0690	PPNT0671	PEFD1000	PDLB2072	PDLG2091
PTBB9071	PBWP9071	PBWP9075			PPEA2071	PPEB2076							
PTBB9091	PBWP9091	PBWP9095	PKTE1010	PKTA1010	PPEA2091	PPEB2096							

Vertical breaker for CTs application
Order codes - Frame



Uprights – Galvanized sheet metal
Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

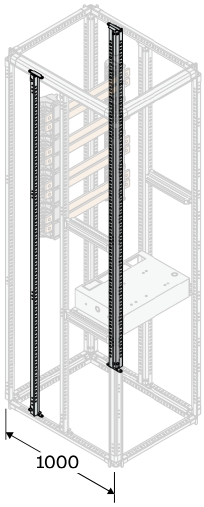
External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 galvanized sheet metal uprights					
2100	PUPM2001	1STQ003353B0000			1/4



Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal
Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A. For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

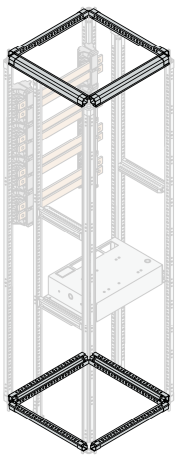
External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 galvanized sheet metal upright					
2100	PUPM2011	1STQ003355B0000			1/1

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



Vertical breaker for CTs application

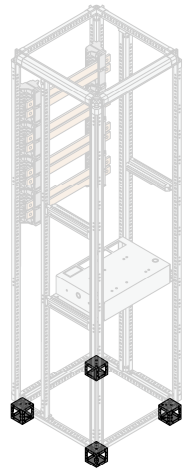
Order codes - Frame



Structure crosspieces – Galvanized sheel metal

Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 width crosspieces						
500		PCFM0400	1STQ007038A0000			1/4
600		PCFM0500	1STQ007039A0000			1/4
800		PCFM0700	1STQ007046A0000			1/4
1000		PCFM0900	1STQ007047A0000			1/4
No.4 depth crosspieces						
	600	PCFM0500	1STQ007039A0000			1/4
	800	PCFM0700	1STQ007046A0000			1/4
	1000	PCFM0900	1STQ007047A0000			1/4



Universal angle pieces for plinths in galvanized sheet metal

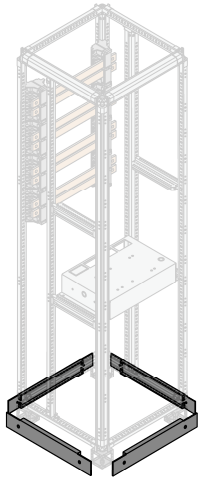
Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000			1/4

"L" covers for plinth angle-pieces

Used for covering the sides of the plinth when the flanges are not used.

External dimensions H (mm)	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
No.4 angle-piece covers					
100	PCPA0004	1STQ008109A0000			1/4



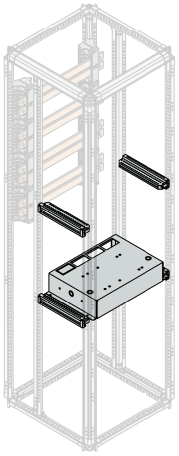
Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 front/rear plinth flanges						
500		PPFM1040	1STQ007051A0000			1/2
600		PPFM1050	1STQ007052A0000			1/2
800		PPFM1070	1STQ007059A0000			1/2
1000		PPFM1090	1STQ007060A0000			1/2
No.2 side plinth flanges						
	600	PPFM1050	1STQ007052A0000			1/2
	800	PPFM1070	1STQ007059A0000			1/2
	1000	PPFM1090	1STQ007060A0000			1/2

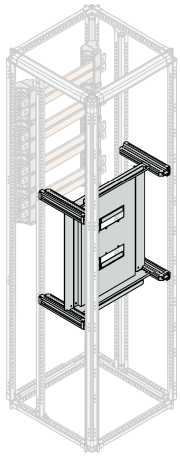
Vertical breaker for CTs application

Order codes - Frame



Withdrawable breakers
Kit for installation circuit-breakers
VERTICAL INSTALLATION (rear connections)

Circuit-breakers 3/4 poles	In A	Dimensions W (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
			Type	Order code	Type	Order code	
XT5 W	400/630A	500	PWXT5405	1STQ007359B0000			1/1
XT7 W	800/1000A	600	PWXE1806	1STQ007360B0000			1/1
E1.2 W	800/1000A	600	PWXE1806	1STQ007360B0000			1/1
E2.2 W	1600/2000A	600	PWAE2166	1STQ007361B0000			1/1
E4.2 W	3200A	800	PWAE4328	1STQ007362B0000			1/1
E4.2 W	4000A	800	PWAE4408	1STQ007363B0000			1/1

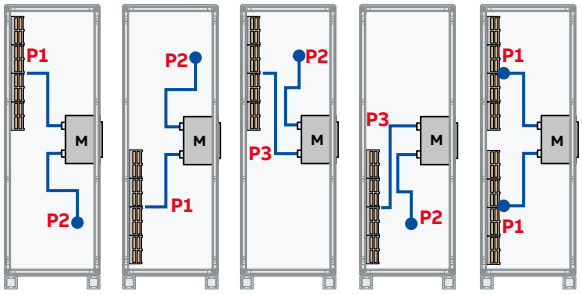


Withdrawable MOE breakers
Kit for installation side by side circuit-breakers
VERTICAL INSTALLATION (rear connections)

Circuit-breakers 3/4 poles	In A	Dimensions W (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
			Type	Order code	Type	Order code	
2 x XT5 W MOE	400/630A	800	PWXT5270	1STQ008007B0000			1/1
3 x XT5 W MOE	400/630A	1000	PWXT5390	1STQ008008B0000			1/1
2 x E1.2 W	1000/1600A	1000	PWXE1290	1STQ008006B0000			1/1

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



Key:
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.

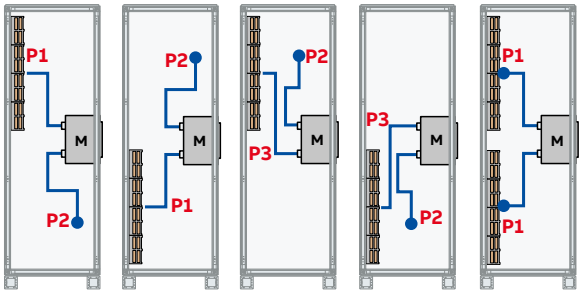
KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

Connection position	In (A)	No. of pole	Column dimension D (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Tmax XT5 Withdrawable - HR terminal								
P1	400A	3	600	PJXT543061	1STQ007376B0000			1/1
		4		PJXT544263	1STQ007416B0000			1/1
		3	800/1000	PJXT543081	1STQ007384B0000			1/1
		4		PJXT544283	1STQ007424B0000			1/1
P2		3	600/800/1000	PJXT543002	1STQ007392B0000			1/1
		4		PJXT544002	1STQ007432B0000			1/1
P3		3	600	PJXT543063	1STQ007400B0000			1/1
		4		PJXT544463	1STQ007440B0000			1/1
		3	800/1000	PJXT543083	1STQ007408B0000			1/1
		4		PJXT544483	1STQ007448B0000			1/1
P1	630A	3	600	PJXT563061	1STQ007377B0000			1/1
		4		PJXT563263	1STQ007417B0000			1/1
		3	800/1000	PJXT563081	1STQ007385B0000			1/1
		4		PJXT563283	1STQ007425B0000			1/1
P2		3	600/800/1000	PJXT563002	1STQ007393B0000			1/1
		4		PJXT563042	1STQ007433B0000			1/1
P3		3	600	PJXT563063	1STQ007401B0000			1/1
		4		PJXT563463	1STQ007441B0000			1/1
		3	800/1000	PJXT563083	1STQ007409B0000			1/1
		4		PJXT563483	1STQ007449B0000			1/1
Tmax XT5 MOE Withdrawable - HR terminal								
P1	400A	3	600	PJXT545351	1STQ007972B0000			1/1
		4		PJXT545451	1STQ008029B0000			1/1
		3	800/1000	PJXT547371	1STQ007973B0000			1/1
		4		PJXT547471	1STQ008030B0000			1/1
P3		3	600	PJXT545353	1STQ007974B0000			1/1
		4		PJXT545453	1STQ008031B0000			1/1
		3	800/1000	PJXT547373	1STQ007975B0000			1/1
		4		PJXT547473	1STQ008032B0000			1/1
P1	630A	3	600	PJXT565351	1STQ007976B0000			1/1
		4		PJXT565451	1STQ008033B0000			1/1
		3	800/1000	PJXT567371	1STQ007977B0000			1/1
		4		PJXT567471	1STQ008034B0000			1/1
P2		3	600/800/1000	PJXT563592	1STQ007980B0000			1/1
		4		PJXT564592	1STQ008037B0000			1/1
P3		3	600	PJXT565353	1STQ007978B0000			1/1
		4		PJXT565453	1STQ008035B0000			1/1
		3	800/1000	PJXT567373	1STQ007979B0000			1/1
		4		PJXT567473	1STQ008036B0000			1/1

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



Key:
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.

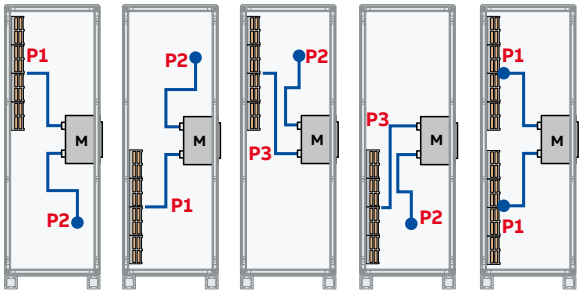
KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

Connection position	In (A)	No. of pole	Column dimension D (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Tmax XT5 MOE Withdrawable interlocked - HR terminal								
P1	400A	3	600	PJXT594361	1STQ008151B0000			1/1
		4		PJXT594461	1STQ008153B0000			1/1
		3	800/1000	PJXT584361	1STQ008159B0000			1/1
		4		PJXT584461	1STQ008161B0000			1/1
P2		3	600/800/1000	PJXT594382	1STQ008149B0000			1/1
		4		PJXT594482	1STQ007995B0000			1/1
P3		3	600	PJXT594363	1STQ008155B0000			1/1
		4		PJXT594463	1STQ008157B0000			1/1
		3	800/1000	PJXT584363	1STQ008163B0000			1/1
		4		PJXT584463	1STQ008165B0000			1/1
P1	630A	3	600	PJXT596361	1STQ008152B0000			1/1
		4		PJXT596461	1STQ008154B0000			1/1
		3	800/1000	PJXT586361	1STQ008160B0000			1/1
		4		PJXT586461	1STQ008162B0000			1/1
P2		3	600/800/1000	PJXT596382	1STQ008150B0000			1/1
		4		PJXT596482	1STQ007996B0000			1/1
P3		3	600	PJXT596363	1STQ008156B0000			1/1
		4		PJXT596463	1STQ008158B0000			1/1
		3	800/1000	PJXT586363	1STQ008164B0000			1/1
		4		PJXT586463	1STQ008166B0000			1/1
Tmax XT7/Emax E1.2 Withdrawable - HR terminal								
P1	800A	3	600	PJXE183061	1STQ007378B0000			1/1
		4		PJXE184263	1STQ007418B0000			1/1
		3	800/1000	PJXE183081	1STQ007386B0000			1/1
		4		PJXE184283	1STQ007426B0000			1/1
P2		3	600/800/1000	PJXE183002	1STQ007394B0000			1/1
		4		PJXE184002	1STQ007434B0000			1/1
P3		3	600	PJXE183063	1STQ007402B0000			1/1
		4		PJXE184463	1STQ007442B0000			1/1
		3	800/1000	PJXE183083	1STQ007410B0000			1/1
		4		PJXE184483	1STQ007450B0000			1/1
P1	1250A	3	600	PJXE123061	1STQ007379B0000			1/1
		4		PJXE124263	1STQ007419B0000			1/1
		3	800/1000	PJXE123081	1STQ007387B0000			1/1
		4		PJXE124283	1STQ007427B0000			1/1
P2		3	600/800/1000	PJXE123002	1STQ007395B0000			1/1
		4		PJXE124002	1STQ007435B0000			1/1
P3		3	600	PJXE123063	1STQ007403B0000			1/1
		4		PJXE124463	1STQ007443B0000			1/1
		3	800/1000	PJXE123083	1STQ007411B0000			1/1
		4		PJXE124483	1STQ007451B0000			1/1

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



Key:
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.

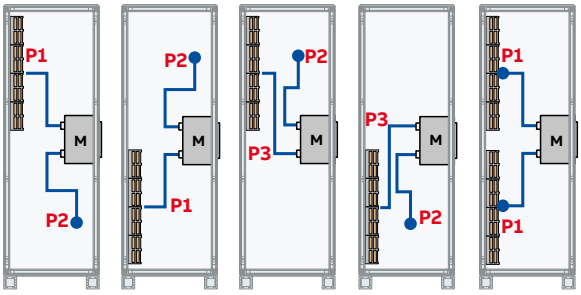
KIT FOR CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for circuit-breaker

Connection position	In (A)	No. of pole	Column dimension D (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Emax E2.2 Withdrawable - HR terminal								
P1	1600A	3	600	PJE2163061	1STQ007380B0000			1/1
	2000A	4		PJAE216263	1STQ007420B0000			1/1
		3	800/1000	PJE2163081	1STQ007388B0000			1/1
		4		PJAE216283	1STQ007428B0000			1/1
P2		3	600/800/1000	PJAE216302	1STQ007396B0000			1/1
		4		PJAE216402	1STQ007436B0000			1/1
P3		3	600	PJAE216363	1STQ007404B0000			1/1
		4		PJAE216463	1STQ007444B0000			1/1
		3	800/1000	PJAE216383	1STQ007412B0000			1/1
		4		PJAE216483	1STQ007452B0000			1/1
P1	2500A	3	600	PJE2253061	1STQ007381B0000			1/1
		4		PJAE225263	1STQ007421B0000			1/1
		3	800/1000	PJE2253081	1STQ007389B0000			1/1
		4		PJAE225283	1STQ007429B0000			1/1
P2		3	600/800/1000	PJAE225302	1STQ007397B0000			1/1
		4		PJAE225402	1STQ007437B0000			1/1
P3		3	600	PJAE225363	1STQ007405B0000			1/1
		4		PJAE225463	1STQ007445B0000			1/1
		3	800/1000	PJAE225383	1STQ007413B0000			1/1
		4		PJAE225483	1STQ007453B0000			1/1
Emax E4.2 Withdrawable - HR terminal								
P1	3200A	3	800/1000	PJE4323081	1STQ007390B0000			1/1
		4		PJAE432283	1STQ007430B0000			1/1
P2		3	800/1000	PJAE432302	1STQ007398B0000			1/1
		4		PJAE432402	1STQ007438B0000			1/1
P3		3	800/1000	PJAE432383	1STQ007414B0000			1/1
		4		PJAE432483	1STQ007454B0000			1/1
P1	4000A	3	800/1000	PJE4403081	1STQ007391B0000			1/1
		4		PJAE440283	1STQ007431B0000			1/1
P2		3	800/1000	PJAE440302	1STQ007399B0000			1/1
		4		PJAE440402	1STQ007439B0000			1/1
P3		3	800/1000	PJAE440383	1STQ007415B0000			1/1
		4		PJAE440483	1STQ007455B0000			1/1

Vertical circuit breaker kits

Order codes - Connection without copper for vertical circuit breakers kit



Key:
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.

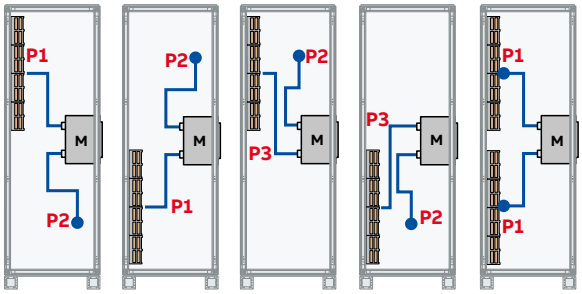
KIT FOR SIDE BY SIDE CIRCUIT-BREAKER

The kit is composed of no.1 connection + connection for side by side circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	W (mm)	Number of breakers per column	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax XT5 Withdrawable										
P1	400A	4P	600	800	2	PJXT542261	1STQ008082B0000			1/1
		3P	600	800	2	PJXT543261	1STQ008092B0000			1/1
		4P	600	1000	3	PJXT542361	1STQ008102B0000			1/1
		3P	600	1000	3	PJXT543361	1STQ008112B0000			1/1
		4P	800/1000	800	2	PJXT542281	1STQ008083B0000			1/1
		3P	800/1000	800	2	PJXT543281	1STQ008093B0000			1/1
		4P	800/1000	1000	3	PJXT542381	1STQ008103B0000			1/1
		3P	800/1000	1000	3	PJXT543381	1STQ008113B0000			1/1
P2	400A	4P	600/800/1000	800	2	PJXT542262	1STQ008084B0000			1/1
		3P	600/800/1000	800	2	PJXT543262	1STQ008094B0000			1/1
		4P	600/800/1000	1000	3	PJXT542363	1STQ008104B0000			1/1
		3P	600/800/1000	1000	3	PJXT543362	1STQ008114B0000			1/1
P3	400A	4P	600	800	2	PJXT542263	1STQ008085B0000			1/1
		3P	600	800	2	PJXT543263	1STQ008095B0000			1/1
		4P	600	1000	3	PJXT542383	1STQ008105B0000			1/1
		3P	600	1000	3	PJXT543363	1STQ008115B0000			1/1
		4P	800/1000	800	2	PJXT542283	1STQ008086B0000			1/1
		3P	800/1000	800	2	PJXT543283	1STQ008096B0000			1/1
		4P	800/1000	1000	3	PJXT542362	1STQ008106B0000			1/1
		3P	800/1000	1000	3	PJXT543383	1STQ008116B0000			1/1
P1	630A	4P	600	800	2	PJXT562261	1STQ008087B0000			1/1
		3P	600	800	2	PJXT563261	1STQ008097B0000			1/1
		4P	600	1000	3	PJXT562361	1STQ008107B0000			1/1
		3P	600	1000	3	PJXT563361	1STQ008117B0000			1/1
		4P	800/1000	800	2	PJXT562281	1STQ008088B0000			1/1
		3P	800/1000	800	2	PJXT563281	1STQ008098B0000			1/1
		4P	800/1000	1000	3	PJXT562381	1STQ008108B0000			1/1
		3P	800/1000	1000	3	PJXT563381	1STQ008118B0000			1/1
P2	630A	4P	600/800/1000	800	2	PJXT562262	1STQ008091B0000			1/1
		3P	600/800/1000	800	2	PJXT563262	1STQ008101B0000			1/1
		4P	600/800/1000	1000	3	PJXT562362	1STQ008111B0000			1/1
		3P	600/800/1000	1000	3	PJXT563962	1STQ008121B0000			1/1
P3	630A	4P	600	800	2	PJXT562263	1STQ008089B0000			1/1
		3P	600	800	2	PJXT563963	1STQ008099B0000			1/1
		4P	600	1000	3	PJXT562363	1STQ008109B0000			1/1
		3P	600	1000	3	PJXT563363	1STQ008119B0000			1/1
		4P	800/1000	800	2	PJXT562283	1STQ008090B0000			1/1
		3P	800/1000	800	2	PJXT563983	1STQ008100B0000			1/1
		4P	800/1000	1000	3	PJXT562383	1STQ008110B0000			1/1
		3P	800/1000	1000	3	PJXT563383	1STQ008120B0000			1/1

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



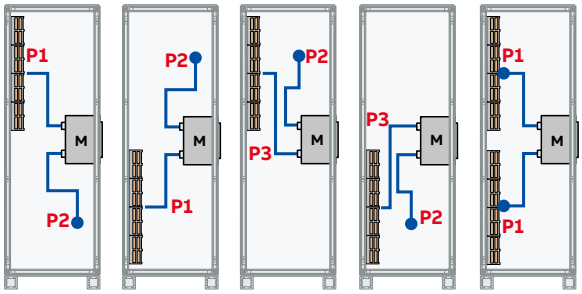
Key:
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.

KIT FOR SIDE BY SIDE CIRCUIT-BREAKER
The kit is composed of no.1 connection + connection for side by side circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	W (mm)	Number of breakers per column	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Tmax XT5 MOE Withdrawable										
P1	400A	4P	600	800	2	PJXT582361	1STQ008046B0000			1/1
		3P	600	800	2	PJXT553361	1STQ008055B0000			1/1
		4P	600	1000	3	PJXT542461	1STQ008064B0000			1/1
		3P	600	1000	3	PJXT543461	1STQ008073B0000			1/1
		4P	800/1000	800	2	PJXT592381	1STQ008047B0000			1/1
		3P	800/1000	800	2	PJXT573381	1STQ008056B0000			1/1
		4P	800/1000	1000	3	PJXT542481	1STQ008065B0000			1/1
		3P	800/1000	1000	3	PJXT543481	1STQ008074B0000			1/1
P3	400A	4P	600	800	2	PJXT582363	1STQ008048B0000			1/1
		3P	600	800	2	PJXT553363	1STQ008057B0000			1/1
		4P	600	1000	3	PJXT542463	1STQ008066B0000			1/1
		3P	600	1000	3	PJXT543463	1STQ008075B0000			1/1
		4P	800/1000	800	2	PJXT592383	1STQ008049B0000			1/1
		3P	800/1000	800	2	PJXT573383	1STQ008058B0000			1/1
		4P	800/1000	1000	3	PJXT542483	1STQ008067B0000			1/1
		3P	800/1000	1000	3	PJXT543483	1STQ008076B0000			1/1
P1	630A	4P	600	800	2	PJXT552361	1STQ008050B0000			1/1
		3P	600	800	2	PJXT593361	1STQ008059B0000			1/1
		4P	600	1000	3	PJXT562461	1STQ008068B0000			1/1
		3P	600	1000	3	PJXT563461	1STQ008077B0000			1/1
		4P	800/1000	800	2	PJXT552381	1STQ008051B0000			1/1
		3P	800/1000	800	2	PJXT553381	1STQ008060B0000			1/1
		4P	800/1000	1000	3	PJXT562481	1STQ008069B0000			1/1
		3P	800/1000	1000	3	PJXT563481	1STQ008078B0000			1/1
P2	630A	4P	600/800/1000	800	2	PJXT562382	1STQ008054B0000			1/1
		3P	600/800/1000	800	2	PJXT563362	1STQ008063B0000			1/1
		4P	600/800/1000	1000	3	PJXT542462	1STQ008072B0000			1/1
		3P	600/800/1000	1000	3	PJXT563462	1STQ008081B0000			1/1
P3	630A	4P	600	800	2	PJXT552363	1STQ008052B0000			1/1
		3P	600	800	2	PJXT555333	1STQ008061B0000			1/1
		4P	600	1000	3	PJXT562463	1STQ008070B0000			1/1
		3P	600	1000	3	PJXT563863	1STQ008079B0000			1/1
		4P	800/1000	800	2	PJXT552383	1STQ008053B0000			1/1
		3P	800/1000	800	2	PJXT553383	1STQ008062B0000			1/1
		4P	800/1000	1000	3	PJXT562483	1STQ008071B0000			1/1
		3P	800/1000	1000	3	PJXT563883	1STQ008080B0000			1/1

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



Key:
P1 Breaker terminal closest to the busbar system.
P2 Breaker terminal closest to the cable.
P3 Breaker terminal farest from the busbar system.

KIT FOR SIDE BY SIDE CIRCUIT-BREAKER
The kit is composed of no.1 connection + connection for side by side circuit-breaker

connection position	In (A)	No. of pole	Column dimension D (mm)	W (mm)	Number of breakers per column	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Tmax XT7/Emax E1.2 Withdrawable - HR terminal										
P1	800A	4P	600	1000	2	PJXE184261	1STQ008122B0000			1/1
		3P	600	1000	2	PJXE183261	1STQ008132B0000			1/1
		4P	800/1000	1000	2	PJXE184281	1STQ008123B0000			1/1
		3P	800/1000	1000	2	PJXE183281	1STQ008133B0000			1/1
P1	800A	4P	600/8000/1000	1000	2	PJXE184262	1STQ008124B0000			1/1
		3P	600/8000/1000	1000	2	PJXE183262	1STQ008134B0000			1/1
P3	800A	4P	600	1000	2	PJXE189263	1STQ008125B0000			1/1
		3P	600	1000	2	PJXE183263	1STQ008135B0000			1/1
		4P	800/1000	1000	2	PJXE184983	1STQ008126B0000			1/1
		3P	800/1000	1000	2	PJXE183283	1STQ008136B0000			1/1
P1	1250A	4P	600	1000	2	PJXE124361	1STQ008127B0000			1/1
		3P	600	1000	2	PJXE123261	1STQ008137B0000			1/1
		4P	800/1000	1000	2	PJXE124381	1STQ008128B0000			1/1
		3P	800/1000	1000	2	PJXE123281	1STQ008138B0000			1/1
P2	1250A	4P	600/800/1000	1000	2	PJXE124362	1STQ008131B0000			1/1
		3P	600/800/1000	1000	2	PJXE123283	1STQ008141B0000			1/1
P3	1250A	4P	800/1000	1000	2	PJXE124383	1STQ008130B0000			1/1
		3P	800/1000	1000	2	PJXE123263	1STQ008140B0000			1/1
		4P	600	1000	2	PJXE124363	1STQ008129B0000			1/1
		3P	600	1000	2	PJXE123262	1STQ008139B0000			1/1

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit

Neutral Disconnector

Circuit-breakers	Position	Dimensions (mm) D	Delivered in kit Type	Order code	Delivered assembled	Pkg/ No. pcs
XT5 W 400A	1-2	500	PNXT543002	1STQ007768B0000		1/1
	1-2	700/900	PNXT543003	1STQ007774B0000		1/1
	3-2	500	PMXT543002	1STQ007782B0000		1/1
	3-2	700/900	PMXT543003	1STQ007788B0000		1/1
XT5 W 630A	1-2	500	PNXT563002	1STQ007769B0000		1/1
	1-2	700/900	PNXT563003	1STQ007775B0000		1/1
	3-2	500	PMXT563002	1STQ007783B0000		1/1
	3-2	700/900	PMXT563003	1STQ007789B0000		1/1
XT5 W MOE 400A	1-2	500	PNXT509612	1STQ007981B0000		1/1
	1-2	700/900	PNXT509812	1STQ007982B0000		1/1
	3-2	500	PNXT509632	1STQ007983B0000		1/1
	3-2	700/900	PNXT509832	1STQ007984B0000		1/1
XT5 W MOE 630A	1-2	500	PNXT569612	1STQ007985B0000		1/1
	1-2	700/900	PNXT569812	1STQ007986B0000		1/1
	3-2	500	PNXT569632	1STQ007987B0000		1/1
	3-2	700/900	PNXT569832	1STQ007988B0000		1/1
XT7, E1.2 W 1000A	1-2	500	PNXE183002	1STQ007770B0000		1/1
	1-2	700/900	PNXE183003	1STQ007776B0000		1/1
	3-2	500	PMXE183002	1STQ007784B0000		1/1
	3-2	700/900	PMXE183003	1STQ007790B0000		1/1
XT7, E1.2 W 1250/1600A	1-2	500	PNXE123002	1STQ007771B0000		1/1
	1-2	700/900	PNXE123003	1STQ007777B0000		1/1
	3-2	500	PMXE123002	1STQ007785B0000		1/1
	3-2	700/900	PMXE123003	1STQ007791B0000		1/1
E2.2 W 1600/2000A	1-2	500	PNAE216302	1STQ007772B0000		1/1
	1-2	700/900	PNAE216303	1STQ007778B0000		1/1
	3-2	500	PMAE216302	1STQ007786B0000		1/1
	3-2	700/900	PMAE216303	1STQ007792B0000		1/1
E2.2 W 2500A	1-2	500	PNAE225302	1STQ007773B0000		1/1
	1-2	700/900	PNAE225303	1STQ007779B0000		1/1
	3-2	500	PMAE225302	1STQ007787B0000		1/1
	3-2	700/900	PMAE225303	1STQ007793B0000		1/1
E4.2 W 3200A	1-2	700/900	PNAE432302	1STQ007780B0000		1/1
	3-2	700/900	PMAE432302	1STQ007794B0000		1/1
E4.2 W 4000A	1-2	700/900	PNAE440302	1STQ007781B0000		1/1
	3-2	700/900	PMAE440302	1STQ007795B0000		1/1

Vertical breaker for CTs application

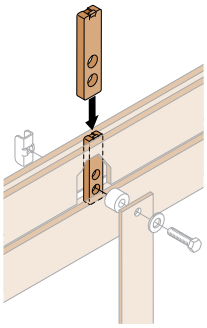
Order codes - Connection for vertical circuit-breakers kit

Side by side neutral Disconnector

Circuit-breakers	Position	No. poles	Dimensions (mm)		Delivered in kit		Delivered assembled	Pkg/ No. pcs
			W	D	Type	Order code		
2xXT5 w	1-2	3P	700	500	PNXT543262	1STQ008188B0000		1/1
2xXT5 W	1-2	3P	700	700/900	PNXT543282	1STQ008189B0000		1/1
3xXT5 W	1-2	3P	900	500	PNXT543362	1STQ008190B0000		1/1
3xXT5 W	1-2	3P	900	700/900	PNXT543382	1STQ008191B0000		1/1
2xXT5 W	1-2	3P	700	500	PNXT563262	1STQ008192B0000		1/1
2xXT5 W	1-2	3P	700	700/900	PNXT563282	1STQ008193B0000		1/1
3xXT5 W	1-2	3P	900	500	PNXT563362	1STQ008194B0000		1/1
3xXT5 W	1-2	3P	900	700/900	PNXT563382	1STQ008195B0000		1/1
2xXT5 MOE W	1-2	3P	700	500	PNXT543369	1STQ008196B0000		1/1
2xXT5 MOE W	1-2	3P	700	700/900	PNXT543389	1STQ008197B0000		1/1
3xXT5 MOE W	1-2	3P	900	500	PNXT543462	1STQ008198B0000		1/1
3xXT5 MOE W	1-2	3P	900	700/900	PNXT543482	1STQ008199B0000		1/1
2xXT5 MOE W	1-2	3P	700	500	PNXT563369	1STQ008200B0000		1/1
2xXT5 MOE W	1-2	3P	700	700/900	PNXT563389	1STQ008201B0000		1/1
3xXT5 MOE W	1-2	3P	900	500	PNXT563462	1STQ008202B0000		1/1
3xXT5 MOE W	1-2	3P	900	700/900	PNXT563489	1STQ008203B0000		1/1
2xXT7;E1.2 W	1-2	3P	900	500	PNXE183262	1STQ008204B0000		1/1
2xXT7;E1.2 W	1-2	3P	900	700/900	PNXE183282	1STQ008205B0000		1/1
2xXT5 W	3-2	3P	700	500	PMXT543262	1STQ008206B0000		1/1
2xXT5 W	3-2	3P	700	700/900	PMXT543282	1STQ008207B0000		1/1
3xXT5 W	3-2	3P	900	500	PMXT543362	1STQ008208B0000		1/1
3xXT5 W	3-2	3P	900	700/900	PMXT543382	1STQ008209B0000		1/1
2xXT5 W	3-2	3P	700	500	PMXT563262	1STQ008210B0000		1/1
2xXT5 W	3-2	3P	700	700/900	PMXT563282	1STQ008211B0000		1/1
3xXT5 W	3-2	3P	900	500	PMXT563362	1STQ008212B0000		1/1
3xXT5 W	3-2	3P	900	700/900	PMXT563382	1STQ008213B0000		1/1
2xXT5 MOE W	3-2	3P	700	500	PMXT543369	1STQ008214B0000		1/1
2xXT5 MOE W	3-2	3P	700	700/900	PMXT543389	1STQ008215B0000		1/1
3xXT5 MOE W	3-2	3P	900	500	PMXT543462	1STQ008216B0000		1/1
3xXT5 MOE W	3-2	3P	900	700/900	PMXT543482	1STQ008217B0000		1/1
2xXT5 MOE W	3-2	3P	700	500	PMXT563369	1STQ008218B0000		1/1
2xXT5 MOE W	3-2	3P	700	700/900	PMXT563389	1STQ008219B0000		1/1
3xXT5 MOE W	3-2	3P	900	500	PMXT563469	1STQ008220B0000		1/1
3xXT5 MOE W	3-2	3P	900	700/900	PMXT563462	1STQ008221B0000		1/1
2xXT7;E1.2 W	3-2	3P	900	500	PMXE183262	1STQ008222B0000		1/1
2xXT7;E1.2 W	3-2	3P	900	700/900	PMXE183282	1STQ008223B0000		1/1
XT5 I	1-2	3/4P	700	600	PNXT519612	1STQ008228B0000		1/1
XT5 I	1-2	3/4P	700	800	PNXT519812	1STQ008229B0000		1/1
XT5 I	3-2	3/4P	700	600	PNXT519632	1STQ008230B0000		1/1
XT5 I	3-2	3/4P	700	800	PNXT519832	1STQ008231B0000		1/1
XT5 I	1-2	3/4P	700	600	PNXT579612	1STQ008232B0000		1/1
XT5 I	1-2	3/4P	700	800	PNXT579812	1STQ008233B0000		1/1
XT5 I	3-2	3/4P	700	600	PNXT579632	1STQ008234B0000		1/1
XT5 I	3-2	3/4P	700	800	PNXT579832	1STQ008235B0000		1/1

Vertical breaker for CTs application

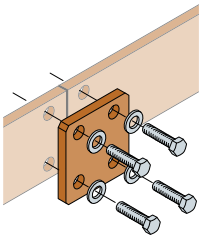
Order codes - Connection for vertical circuit-breakers kit



Copper compensators

To select in case of 4 or 6 bars per phase according to the rating and number of phases.

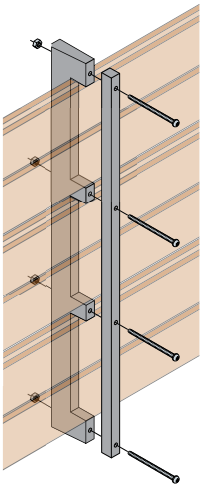
In (A)	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Copper compensator						
3200A	3	PCMP0013	1STQ003698B0000			1/3
3200A	4	PCMP0014	1STQ003699B0000			1/4



Busbar joints for busbar holders

To select for making a connection between the main busbars.

Bar section	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Busbar joint for compact busbars holders						
2x20x10	4P	PBJ42X20	1STQ003713B0000			1/1
2x40x10	4P	PBJ42X40	1STQ003715B0000			1/1
4x40x10	4P	PBJ44X40	1STQ004218B0000			1/1
4x60x10	4P	PBJ44X60	1STQ004220B0000			1/1
Busbar joints for neutral/earth busbar						
1x60x10 for N/PE		PNJ60X10	1STQ005399B0000			1/1



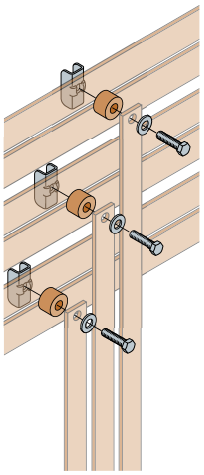
GPO3 bar's insulation sheet

To select according to the Icw value. See Effective currents and number of necessary GPO3 busbar insulators in Chapter 3, page 3-39.

N. of bars for phase	Bars section (mm)	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
GPO3 bar's insulation sheet							
2	20x10	4P	PGPO2240	1STQ003985B0000			1/1
2	40x10	4P	PGPO2440	1STQ003989B0000			1/1
4	40x10	4P	PGPO4440	1STQ003981B0000			1/1
4	60x10	4P	PGPO4640	1STQ003983B0000			1/1

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



Bars fixing kit

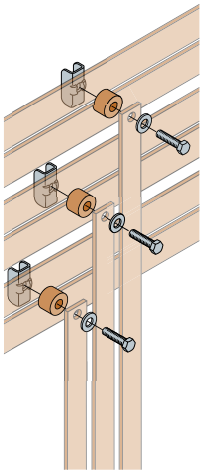
Accessories to connect the connection to the main busbars.

Main busbar rating (A)	Breaker (A)	number of poles	Depth column (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Tmax XT5; XT5MOE								
1000/2000	400	3P	600	PCCS2523	1STQ008274B0000			1/3
1000/2000	400	3P	800	PCCS03X3	1STQ003650B0000			1/3
1000/2000	400	3P	1000	PCCS2943	1STQ008279B0000			1/3
2500/4000	400	3P	600	PCCS01X3*	1STQ003642B0000*			1/3
2500/4000	400	3P	800	PCCS2933*	1STQ008277B0000*			1/3
2500/4000	400	3P	1000	PCCS2943*	1STQ008279B0000*			1/3
1000/2000	400	4P	600	PCCS2524	1STQ008283B0000			1/4
1000/2000	400	4P	800	PCCS04X4	1STQ003651B0000			1/4
1000/2000	400	4P	1000	PCCS2944	1STQ008288B0000			1/4
2500/4000	400	4P	600	PCCS02X4*	1STQ003643B0000*			1/4
2500/4000	400	4P	800	PCCS2934*	1STQ008286B0000*			1/4
2500/4000	400	4P	1000	PCCS2944*	1STQ008288B0000*			1/4
1000/2000	630	3P	600	PCCS2523	1STQ008274B0000			1/3
1000/2000	630	3P	800	PCCS03X3	1STQ003650B0000			1/3
1000/2000	630	3P	1000	PCCS2943	1STQ008279B0000			1/3
2500/4000	630	3P	600	PCCS01X3*	1STQ003642B0000*			1/3
2500/4000	630	3P	800	PCCS2933*	1STQ008277B0000*			1/3
2500/4000	630	3P	1000	PCCS2943*	1STQ008279B0000*			1/3
2500/4000	630	4P	600	PCCS2524*	1STQ008283B0000*			1/4
2500/4000	630	4P	800	PCCS04X4*	1STQ003651B0000*			1/4
1000/2000	630	4P	1000	PCCS2944	1STQ008288B0000			1/4
2500/4000	630	4P	600	PCCS02X4*	1STQ003643B0000*			1/4
2500/4000	630	4P	800	PCCS2934*	1STQ008286B0000*			1/4
2500/4000	630	4P	1000	PCCS2944*	1STQ008288B0000*			1/4
Tmax XT7; Emax E1.2								
1000/2000	1000	3P	600	PCCS2523	1STQ008274B0000			1/3
1000/2000	1000	3P	800	PCCS03X3	1STQ003650B0000			1/3
1000/2000	1000	3P	1000	PCCS2943	1STQ008279B0000			1/3
2500/4000	1000	3P	600	PCCS01X3*	1STQ003642B0000*			1/3
2500/4000	1000	3P	800	PCCS2933*	1STQ008277B0000*			1/3
2500/4000	1000	3P	1000	PCCS2943*	1STQ008279B0000*			1/3
1000/2000	1000	4P	600	PCCS2524	1STQ008283B0000			1/4
1000/2000	1000	4P	800	PCCS04X4	1STQ003651B0000			1/4
1000/2000	1000	4P	1000	PCCS2944	1STQ008288B0000			1/4
2500/4000	1000	4P	600	PCCS02X4*	1STQ003643B0000*			1/4
2500/4000	1000	4P	800	PCCS2934*	1STQ008286B0000*			1/4
2500/4000	1000	4P	1000	PCCS2944*	1STQ008288B0000*			1/4
1000/2000	2000	3P	600	PCCS01X3	1STQ003642B0000			1/3
1000/2000	2000	3P	800	PCCS2933	1STQ008277B0000			1/3
1000/2000	2000	3P	1000	PCCS2833	1STQ008280B0000			1/3
2500/4000	2000	3P	600	PCCS2923*	1STQ008275B0000*			1/3
2500/4000	2000	3P	800	PCCS05X3*	1STQ003652B0000*			1/3
2500/4000	2000	3P	1000	PCCS2833*	1STQ008280B0000*			1/3
2500/4000	2000	4P	600	PCCS02X4*	1STQ003643B0000*			1/4
2500/4000	2000	4P	800	PCCS2934*	1STQ008286B0000*			1/4
1000/2000	2000	4P	1000	PCCS2834	1STQ008289B0000			1/4
2500/4000	2000	4P	600	PCCS2924*	1STQ008284B0000*			1/4
2500/4000	2000	4P	800	PCCS06X4*	1STQ003653B0000*			1/4
2500/4000	2000	4P	1000	PCCS2834*	1STQ008289B0000*			1/4

* In addition it is mandatory to order PCMP0014 - 1STQ003699B0000.

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



Bars fixing kit

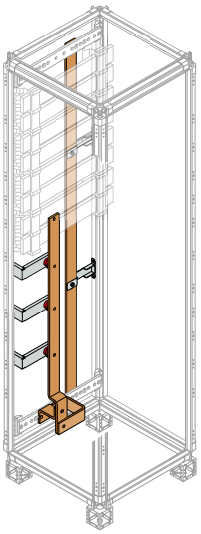
Accessories to connect the connection to the main busbars.

Main busbar rating (A)	Breaker (A)	number of poles	Depth column (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Emax E2.2								
1000/2000	2000	3P	600	PCCS2923	1STQ008275B0000			1/3
1000/2000	2000	3P	800	PCCS2343	1STQ008278B0000			1/3
1000/2000	2000	3P	1000	PCCS2833	1STQ008280B0000			1/3
2500/4000	2000	3P	600	PCCS2923*	1STQ008275B0000*			1/3
2500/4000	2000	3P	800	PCCS2343*	1STQ008278B0000*			1/3
2500/4000	2000	3P	1000	PCCS2833*	1STQ008280B0000*			1/3
1000/2000	2000	4P	600	PCCS2924	1STQ008284B0000			1/4
1000/2000	2000	4P	800	PCCS2344	1STQ008287B0000			1/4
1000/2000	2000	4P	1000	PCCS2834	1STQ008289B0000			1/4
2500/4000	2000	4P	600	PCCS2924*	1STQ008284B0000*			1/4
2500/4000	2000	4P	800	PCCS2344*	1STQ008287B0000*			1/4
2500/4000	2000	4P	1000	PCCS2834*	1STQ008289B0000*			1/4
1000/2000	2500	3P	600	PCCS2823	1STQ008276B0000			1/3
1000/2000	2500	3P	800	PCCS05X3	1STQ003652B0000			1/3
1000/2000	2500	3P	1000	PCCS2443	1STQ008281B0000			1/3
2500/4000	2500	3P	600	PCCS2823*	1STQ008276B0000*			1/3
2500/4000	2500	3P	800	PCCS05X3*	1STQ003652B0000*			1/3
2500/4000	2500	3P	1000	PCCS2443*	1STQ008281B0000*			1/3
1000/2000	2500	4P	600	PCCS2824	1STQ008285B0000			1/4
1000/2000	2500	4P	800	PCCS06X4	1STQ003653B0000			1/4
1000/2000	2500	4P	1000	PCCS2444	1STQ008292B0000			1/4
2500/4000	2500	4P	600	PCCS2824*	1STQ008285B0000*			1/4
2500/4000	2500	4P	800	PCCS06X4*	1STQ003653B0000*			1/4
2500/4000	2500	4P	1000	PCCS2444*	1STQ008292B0000*			1/4
Emax E4.2								
3200/4000	3200	3P	800	PCCS07X3*	1STQ003654B0000*			1/3
3200/4000	3200	3P	1000	PCCS2143*	1STQ008282B0000*			1/3
3200/4000	4000	3P	800	PCCS07X3*	1STQ003654B0000*			1/3
3200/4000	4000	3P	1000	PCCS2143*	1STQ008282B0000*			1/3
3200/4000	3200	4P	800	PCCS08X4*	1STQ003655B0000*			1/4
3200/4000	3200	4P	1000	PCCS2144*	1STQ008298B0000*			1/4
3200/4000	4000	4P	800	PCCS08X4*	1STQ003655B0000*			1/4
3200/4000	4000	4P	1000	PCCS2144*	1STQ008298B0000*			1/4

* In addition it is mandatory to order PCMP0014 - 1STQ003699B0000.

Vertical breaker for CTs application

Order codes - Connection for vertical circuit-breakers kit



CEP for 3 poles breakers

Description	Dimensions (mm) D	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
CEP XT5 W 400A	600	PCEP5145	1STQ007858B0000			1/1
	800	PCEP5147	1STQ007860B0000			1/1
	1000	PCEP5149	1STQ007862B0000			1/1
CEP XT5 W 630A	600	PCEP5165	1STQ007859B0000			1/1
	800	PCEP5167	1STQ007861B0000			1/1
	1000	PCEP5169	1STQ007863B0000			1/1
CEP XT5 W MOE 400A	600	PCEP5450	1STQ007989B0000			1/1
	800	PCEP5470	1STQ007991B0000			1/1
	1000	PCEP5490	1STQ007993B0000			1/1
CEP XT5 W MOE 630A	600	PCEP6350	1STQ007990B0000			1/1
	800	PCEP6370	1STQ007992B0000			1/1
	1000	PCEP6390	1STQ007994B0000			1/1
CEP XT7 - E1.2 W 800/1000/1250/1600A	600	PCEP1165	1STQ007869B0000			1/1
	800	PCEP1167	1STQ007870B0000			1/1
	1000	PCEP1169	1STQ007871B0000			1/1
CEP E2.2 W 1600/2000/2500A	600	PCEP2165	1STQ007872B0000			1/1
	800	PCEP2167	1STQ007873B0000			1/1
	1000	PCEP2169	1STQ007874B0000			1/1
EP E4.2 W 3200A	800	PCEP4137	1STQ007875B0000			1/1
	1000	PCEP4139	1STQ007877B0000			1/1
EP E4.2 W 4000A	800	PCEP4147	1STQ007876B0000			1/1
	1000	PCEP4149	1STQ007878B0000			1/1

Vertical breaker for CTs application

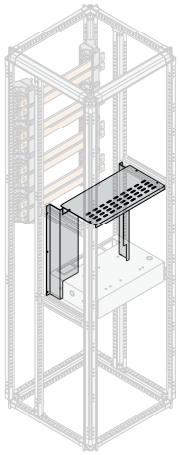
Order codes - Segregation

CEP for 4 poles breakers

Description	Dimensions (mm) D	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
E1.2 W	600	PCEP1604	1STQ008267B0000			1/1
E1.2 W	800	PCEP1804	1STQ008268B0000			1/1
E1.2 W	1000	PCEP1104	1STQ008269B0000			1/1
E2.2 W	600	PCEP2604	1STQ008270B0000			1/1
E2.2 W	800	PCEP2804	1STQ008271B0000			1/1
E2.2 W	1000	PCEP2104	1STQ008272B0000			1/1
E4.2 W	800	PCEP4804	1STQ008273B0000			1/1

Offset

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
Offset 1x60x10	POCN1600	1STQ007889B0000			1/1

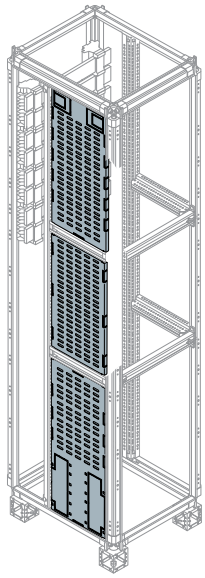


Segregation Form 2a, 3a

Circuit-breakers	No. poles	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
XT5 W	3-4	500	PSVRT550	1STQ003995B0000			1/1
2 x XT5 W MOE	3-4	800	PSVRT559	1STQ008238B0000			1/1
XT7- E1.2 W	3	600	PSVT7613	1STQ007457B0000			1/1
2 x E1.2 W	3	1000	PSVT7213	1STQ008147B0000			1/1
2 x E1.2 W	4	1000	PSVT7214	1STQ008148B0000			1/1
E2.2 W W	3	600	PSVE2603	1STQ007458B0000			1/1
E4.2 W 3200A	3	800	PSVE4803	1STQ007459B0000			1/1
E4.2 W 4000A	3	800	PSVE4613	1STQ007460B0000			1/1
XT5 W	4	500	PSVT5504	1STQ007461B0000			1/1
3 x XT5 W MOE	3-4	1000	PSVRT649	1STQ008239B0000			1/1
XT7 W - E1.2 W	4	600	PSVT7614	1STQ007462B0000			1/1
E2.2 W	4	600	PSVE2604	1STQ007463B0000			1/1
E4.2 W 3200A	4	800	PSVE4804	1STQ007464B0000			1/1
E4.2 W 4000A	4	800	PSVE4634	1STQ007465B0000			1/1

Vertical breaker for CTs application

Order codes - Segregation

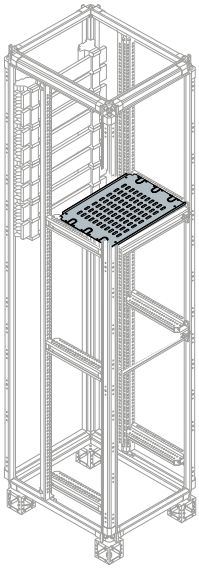


Side segregation

To cover the space between front and intermediate upright.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D* (mm)	Type	Order code	Type	Order code	No. pcs
Side segregation for middle compartmen						
600	300	PPVS6030	1STQ004008B0000			1/1
Side segregation for wiring duct compartment (top position)						
700	300	PPVT7530	1STQ004009B0000			1/1
Side segregation for N/PE compartment (bottom position)						
700	300	PPVB7530	1STQ004010B0000			1/1

* until intermediate upright.



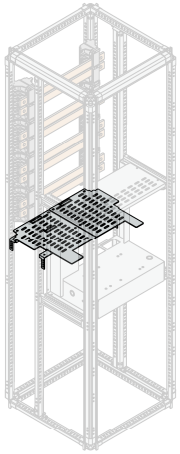
Universal horizontal segregations

The kit is composed by no.1 horizontal segregation form 2a/3a. It is necessary to order the universal horizontal segreation for all the rear segregations that have not already a specified additional plate. See (*) previous page.

External dimensions	Delivered in kit		Delivered assembled		Package/
W (mm)	Type	Order code	Type	Order code	No. pcs
Horizontal segregation					
500	PSHS0500	1STQ004012B0000			1/1
600	PSHS0601	1STQ004013B0000			1/1
800	PSHS0800	1STQ004014B0000			1/1
1000	PSHS1000	1STQ004015B0000			1/1

Vertical breaker for CTs application

Order codes - Segregation



Segregation Form 3b

Circuit-breakers	In(A)	No. poles	Position	Dimensions (mm) W	D	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
XT5 W	400A 630A	4P	3-2	400	600	PSHW5461	1STQ007706B0000			1/1
		4P	1-2	400	600	PSHW6050	1STQ007723B0000			1/1
		4P	3-2	400	800	PSHW5480	1STQ007713B0000			1/1
		4P	3-2	400	1000	PSHW5180	1STQ007696B0000			1/1
		4P	1-2	400	800 1000	PSHW8050	1STQ007744B0000			1/1
		4P	1-2	700	600	PSHW5464	1STQ007709B0000			1/1
		4P	3-2	700	600	PSHW5465	1STQ007710B0000			1/1
		4P	3-2	700	800	PSHW5484	1STQ007717B0000			1/1
		4P	3-2	700	1000	PSHW5184	1STQ007698B0000			1/1
		4P	1-2	700	800 1000	PSHW5483	1STQ007716B0000			1/1
		4P	1-2	900	600	PSHW5468	1STQ007711B0000			1/1
		4P	3-2	900	600	PSHW5469	1STQ007712B0000			1/1
		4P	3-2	900	800	PSHW5488	1STQ007721B0000			1/1
		4P	3-2	900	1000	PSHW5188	1STQ007700B0000			1/1
		4P	1-2	900	1000	PSHW5487	1STQ007720B0000			1/1
XT5 W MOE	400A 630A	4P	1-2	400	600	PSHW5462	1STQ007707B0000			1/1
		4P	3-2	400	600	PSHW5463	1STQ007708B0000			1/1
		4P	3-2	400	800	PSHW5482	1STQ007715B0000			1/1
		4P	3-2	400	1000	PSHW5182	1STQ007697B0000			1/1
		4P	1-2	400	800 1000	PSHW5481	1STQ007714B0000			1/1
		4P	1-2	700	600	PSHW5282	1STQ007701B0000			1/1
		4P	3-2	700	600	PSHW5283	1STQ007702B0000			1/1
		4P	3-2	700	800	PSHW5486	1STQ007719B0000			1/1
		4P	3-2	700	1000	PSHW5186	1STQ007699B0000			1/1
		4P	1-2	700	800 1000	PSHW5485	1STQ007718B0000			1/1
		4P	1-2	900	600	PSHW5284	1STQ007703B0000			1/1
		4P	3-2	900	600	PSHW5285	1STQ007704B0000			1/1
		4P	3-2	900	800	PSHW5080	1STQ007695B0000			1/1
		4P	3-2	900	1000	PSHW5380	1STQ007705B0000			1/1
		4P	1-2	900	800 1000	PSHW5489	1STQ007722B0000			1/1
XT5 W-I	400A 630A		1-2	800	600	PSHW5612	1STQ008000B0000			1/1
			1-2	800	800	PSHW5812	1STQ008001B0000			1/1
			3-2	800	600	PSHW5632	1STQ008002B0000			1/1
			3-2	800	800	PSHW5832	1STQ008003B0000			1/1
XT7 W E1.2 W	800A 1000A 1250A 1600A	3P	1-2	500	600	PSHW7861	1STQ007724B0000			1/1
		3P	3-2	500	600	PSHW7863	1STQ007725B0000			1/1
		4P	1-2	500	600	PSHW7961	1STQ007735B0000			1/1
		4P	3-2	500	600	PSHW7963	1STQ007736B0000			1/1
		3P	3-2	500	800	PSHW7884	1STQ007729B0000			1/1
		4P	3-2	500	800	PSHW7984	1STQ007740B0000			1/1
		3P	3-2	500	1000	PSHW7899	1STQ007733B0000			1/1
		4P	3-2	500	1000	PSHW7998	1STQ007743B0000			1/1
		3P	1-2	500	800 1000	PSHW7882	1STQ007728B0000			1/1
		4P	1-2	500	800 1000	PSHW7982	1STQ007739B0000			1/1
		3P	1-2	900	600	PSHW7865	1STQ007726B0000			1/1

CONTINUES

Vertical breaker for CTs application

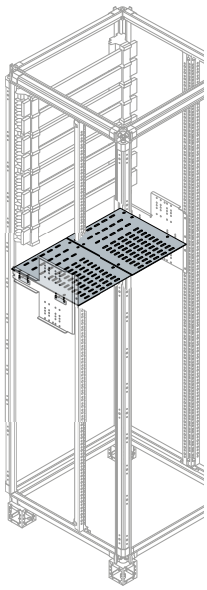
Order codes - Segregation

Segregation Form 3b

Circuit-breakers	In(A)	No. poles	Position	Dimensions (mm) W	D	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
XT7 W	800A	3P	3-2	900	600	PSHW7867	1STQ007727B0000			1/1
E1.2 W	1000A	4P	1-2	900	600	PSHW7965	1STQ007737B0000			1/1
	1250A	4P	3-2	900	600	PSHW7967	1STQ007738B0000			1/1
	1600A	3P	3-2	900	800	PSHW7888	1STQ007731B0000			1/1
		4P	3-2	900	800	PSHW7988	1STQ007742B0000			1/1
		3P	3-2	900	1000	PSHW7898	1STQ007732B0000			1/1
		4P	3-2	900	1000	PSHW7908	1STQ007734B0000			1/1
		3P	1-2	900	800 1000	PSHW7886	1STQ007730B0000			1/1
		4P	1-2	900	800 1000	PSHW7986	1STQ007741B0000			1/1
E2.2 W	1600A	3P	1-2	500	600	PSHW2161	1STQ007681B0000			1/1
	2000A	3P	3-2	500	600	PSHW2162	1STQ007682B0000			1/1
	2500A	4P	1-2	500	600	PSHW2461	1STQ007685B0000			1/1
		4P	3-2	500	600	PSHW2462	1STQ007686B0000			1/1
		3P	3-2	500	800	PSHW2182	1STQ007684B0000			1/1
		4P	3-2	500	800	PSHW2482	1STQ007688B0000			1/1
		3P	3-2	500	1000	PSHW9182	1STQ007745B0000			1/1
		4P	3-2	500	1000	PSHW9482	1STQ007746B0000			1/1
		3P	1-2	500	800 1000	PSHW2181	1STQ007683B0000			1/1
		4P	1-2	500	800 1000	PSHW2481	1STQ007687B0000			1/1
	3200A	3P	3-2	700	800	PSHW4382	1STQ007690B0000			1/1
	4000A	4P	3-2	700	800	PSHW4582	1STQ007692B0000			1/1
		4P	3-2	700	1000	PSHW4589	1STQ007693B0000			1/1
		3P	3-2	700	10000	PSHW4982	1STQ007694B0000			1/1
		3P	1-2	700	800 1000	PSHW4381	1STQ007689B0000			1/1
		4P	1-2	700	800 1000	PSHW4581	1STQ007691B0000			1/1

Vertical breaker for CTs application

Order codes - Segregation



Horizontal segregation for incomer/outgoer

It is used to separate the incoming zone from the outgoing zone.

Description	External dimension (mm) W	D	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Horiz. segreg.	500	1000	PSHF1050	1STQ004038B0000			1/1
Horiz. segreg.	600	1000	PSHF1160	1STQ004050B0000			1/1
Horiz. segreg.	800	1000	PSHF1580	1STQ004098B0000			1/1
Horiz. segreg.	1000	1000	PSHF1610	1STQ004109B0000			1/1

3b depth 1000 only for 1/2 connection type

4b segregation

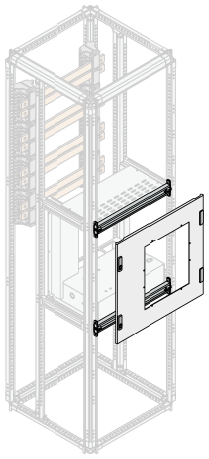
Description	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Segregation 4b						
Left top/bottom right	600	PPVS7162	1STQ007747B0000			1/1
Left top/bottom right	800	PPVS7182	1STQ007748B0000			1/1
Left top/bottom right	1000	PPVS7112	1STQ007749B0000			1/1
Left top/bottom right	600	PPVS7163	1STQ007750B0000			1/1
Left top/bottom right	800	PPVS7183	1STQ007751B0000			1/1
Left top/bottom right	1000	PPVS7113	1STQ007752B0000			1/1

Cable touchguard protection

Description	Dimensions (mm) H	W	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Cable touchguard	700	500	PPTG4070	1STQ007658B0000			1/1
Cable touchguard	700	600	PPTG5070	1STQ007659B0000			1/1
Cable touchguard	700	800	PPTG7070	1STQ007660B0000			1/1
Cable touchguard	700	1000	PPTG9070	1STQ007661B0000			1/1

Vertical breaker for CTs application

Cover kits

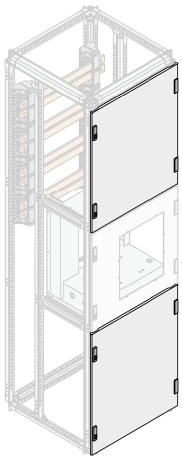


Circuit-breaker panel without external door

Circuit-breaker	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
XT5 W 400/630A		PPXT5404	1STQ007364B0000			1/1
XT5 W-I 400/630A		PPXT5080	1STQ007998B0000			1/1
XT7 W - E1.2 W 800A		PPAE1805	1STQ007366B0000			1/1
E1.2 W 1600A		PPAE2165	1STQ007367B0000			1/1
E4.2 W 3200A		PPAE4327	1STQ007368B0000			1/1
E4.2 W 4000A		PPAE4407	1STQ007369B0000			1/1

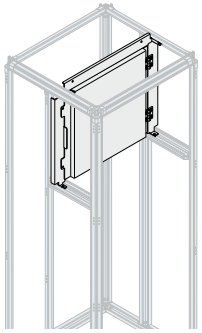
Side by side circuit-breaker panel without external door

Circuit-breaker	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
2 x XT5 W 400/630A	1000	PPXT5270	1STQ008010B0000			1/1
3 x XT5 W 400/630A	1000	PPXT5290	1STQ008011B0000			1/1
2 x E1.2 W 1000/1600A	1000	PPAE1290	1STQ008009B0000			1/1



Front blind panel top/bottom without external door

Description	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
CB blind panel						
Blind panel	500	PPNT0640				1/1
Blind panel	600	PPNT0650	1STQ003668B0000			1/1
Blind panel	800	PPNT0670	1STQ003670B0000			1/1
Blind panel	1000	PPNT0690	1STQ003672B0000			1/1



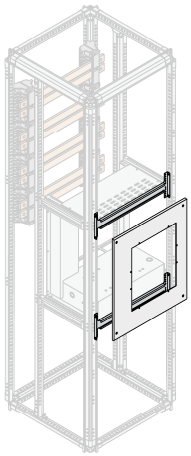
Top/bottom compartment: adjustable position rear shelves

They can be mounted in the top/bottom compartment if cable connections and N/PE bars are not present.

External dimensions H (mm)	W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Adjustable rear shelf						
700	500	PSVH7050	1STQ003143B0000			1/4
700	600	PSVH7060	1STQ003144B0000			1/4
700	800	PSVH7080	1STQ003145B0000			1/4
700	1000	PSVH7010				1/4

Vertical breaker for CTs application

Cover kits

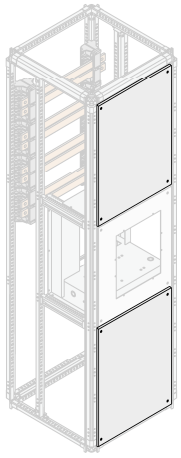


Circuit-braker panel with external door

Circuit-breaker	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
XT5 W 400/630A		PEXT5404	1STQ007370B0000			1/1
XT5 W-I 400/630A		PPET5080	1STQ007999B0000			1/1
2 x XT5 W 400/630A	1000	PEXT5270	1STQ008015B0000			1/1
XT7-E1.2 W 800A		PEXT7805	1STQ007371B0000			1/1
E1.2 W 800A		PEAE1805	1STQ007372B0000			1/1
E1.2 W 1600A		PEAE2165	1STQ007373B0000			1/1
E4.2 W 3200A		PEAE4327	1STQ007374B0000			1/1
E4.2 W 4000A		PEAE4407	1STQ007375B0000			1/1

Side by side circuit-braker panel with external door

Circuit-breaker	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
2 x XT5/XT5 W 400/630A	800	PEXT5270	1STQ008015B0000			1/1
2 x XT5/XT5 MOE W 400/630A	800	PEXM5272				1/1
3 x XT5 W 400/630A	1000	PEXT5290	1STQ008016B0000			1/1
3 x XT5 MOE W 400/630A	1000	PEXM5273				1/1
2 x E1.2 W 1000/1600A	1000	PEAE1290	1STQ008014B0000			1/1

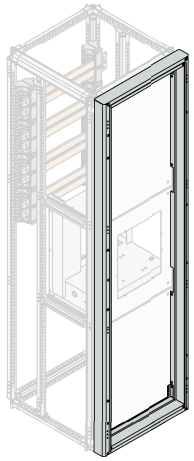


Front blind panel top/bottom with external door

Description	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
Blind panel	500	PPNT0641	1STQ005993B0000			1/1
Blind panel	600	PPNT0651	1STQ005994B0000			1/1
Blind panel	800	PPNT0671	1STQ005995B0000			1/1
Blind panel	1000	PPNT0691	1STQ005996B0000			1/1

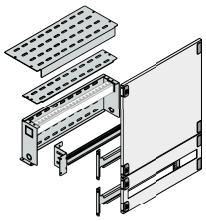
Vertical breaker for CTs application

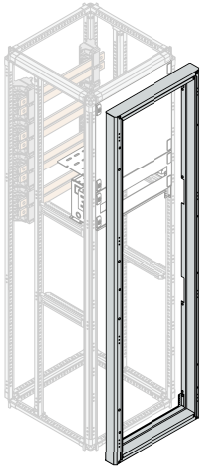
Cover kits



Frame for external door

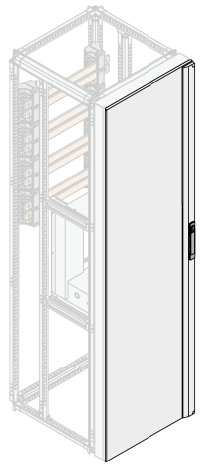
Dimensions (mm)		Delivered in kit		Delivered assembled		Pkg/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
2200	500	PEFD0500	1STQ005696B0000			1/1
2200	600	PEFD0600	1STQ005697B0000			1/1
2200	800	PEFD0800	1STQ005699B0000			1/1
2200	1000	PEFD1000	1STQ005701B0000			1/1
2200	1100	PEFD1100	1STQ005702B0000			1/1





DIN rail column

Description	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
DIN rail kit	600	PDIN5001	1STQ007908B0000			1/1
DIN rail kit	800	PDIN7001	1STQ007909B0000			1/1
DIN rail kit	1000	PDIN9001	1STQ007910B0000			1/1
DIN rail panel	600	PPNT5001	1STQ007911B0000			1/1
DIN rail panel	800	PPNT7001	1STQ007912B0000			1/1
DIN rail panel	1000	PPNT9001	1STQ007913B0000			1/1
Blind panel	600	PPNT5501	1STQ007914B0000			1/1
Blind panel	800	PPNT7501	1STQ007915B0000			1/1
Blind panel	1000	PPNT9501	1STQ007916B0000			1/1
Frame for external door	600	PEFD5001	1STQ007917B0000			1/1
Frame for external door	800	PEFD7001	1STQ007918B0000			1/1
Frame for external door	1000	PEFD9001	1STQ007919B0000			1/1
DIN segreg. H450	600	PDIN5450	1STQ008142B0000			1/1
DIN segreg. H450	800	PDIN7450	1STQ008143B0000			1/1
DIN segreg. H450	1000	PDIN9450	1STQ008144B0000			1/1
DIN segreg. H450 for wiring duct		PDIN1450	1STQ008145B0000			1/1
DIN segreg. H450	N/PE bar	PDIN2450	1STQ008146B0000			1/1



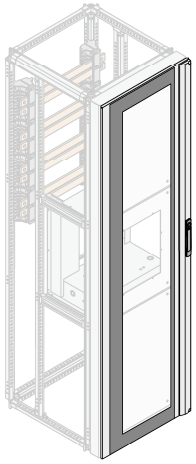
External blind door

Description	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
Blind door	500	PDLB2041	1STQ003607B0000			1/1
Blind door	600	PDLB2053	1STQ006036B0000			1/1
Blind door	800	PDLB2072	1STQ006039B0000			1/1
Blind door	1000	PDLB2091	1STQ006041B0000			1/1

Handle to be ordered separately PHLS0010.

Vertical breaker for CTs application

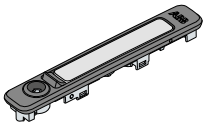
Cover kits



External glass door

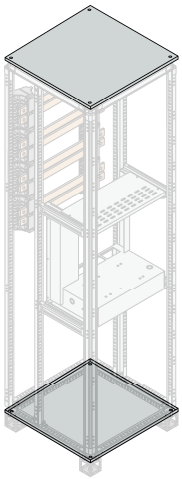
Description	Dimensions W (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Pkg/ No. pcs
Glass door	500	PDLG2043	1STQ006035B0000			1/1
Glass door	600	PDLG2053	1STQ006046B0000			1/1
Glass door	800	PDLG2072	1STQ006040B0000			1/1
Glass door	1000	PDLG2091	1STQ006042B0000			1/1

Handle to be ordered separately PHLS0010.



Closing systems

Description	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Pkg/ No. pcs
Standard lever handle	PHLS0010	1STQ008126A0000			1/1



Blind top/bottom external panel

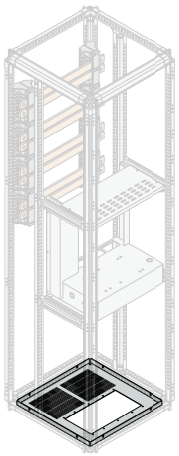
Dimensions W (mm)	Dimensions D (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
500	600	PTBB4050	1STQ007114A0000			1/1
	800	PTBB4070	1STQ007115A0000			1/1
	1000	PTBB4090	1STQ007116A0000			1/1
600	600	PTBB5057	1STQ009407A0000			1/1
	800	PTBB5070	1STQ009435A0000			1/1
	1000	PTBB5090	1STQ001283B0000			1/1
800	600	PTBB5070	1STQ009435A0000			1/1
	800	PTBB7072	1STQ003358B0000			1/1
	1000	PTBB7092	1STQ003359B0000			1/1
1000	600	PTBB5090	1STQ001283B0000			1/1
	800	PTBB9070	1STQ003600B0000			1/1
	1000	PTBB9092	1STQ003360B0000			1/1

Blind top/bottom internal panel

Dimensions W (mm)	Dimensions D (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
500	600	PBWP4054	1STQ006878B0000			1/1
	800	PBWP4074	1STQ006879B0000			1/1
	1000	PBWP4094	1STQ006880B0000			1/1
600	600	PBWP5054	1STQ006881B0000			1/1
	800	PBWP5074	1STQ006882B0000			1/1
	1000	PBWP5094	1STQ006883B0000			1/1
800	600	PBWP1474	1STQ006866B0000			1/1
	800	PBWP7074	1STQ006884B0000			1/1
	1000	PBWP7094	1STQ006885B0000			1/1
1000	600	PBWP1454	1STQ006864B0000			1/1
	800	PBWP9074	1STQ006889B0000			1/1
	1000	PBWP9094	1STQ006890B0000			1/1

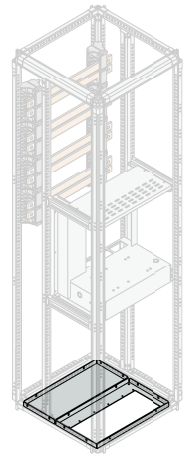
Vertical breaker for CTs application

Cover kits



Open bottom internal panel

Dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
500	600	PBWP4051	1STQ004150B0000			1/1
	800	PBWP4071	1STQ004151B0000			1/1
	1000	PBWP4091	1STQ004152B0000			1/1
600	600	PBWP5051	1STQ004153B0000			1/1
	800	PBWP5071	1STQ004154B0000			1/1
	1000	PBWP5091	1STQ004155B0000			1/1
800	600	PBWP1170	1STQ003389B0000			1/1
	800	PBWP7071	1STQ003385B0000			1/1
	1000	PBWP7091	1STQ003386B0000			1/1
1000	600	PBWP1150	1STQ003388B0000			1/1
	800	PBWP9071	1STQ004159B0000			1/1
	1000	PBWP9091	1STQ003387B0000			1/1

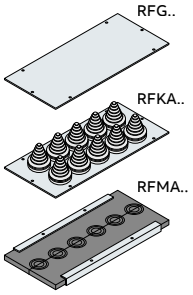


Blind bottom internal panel two parts

Dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
500	600	PBWT4055	1STQ007896B0000			1/1
	800	PBWT4075	1STQ007897B0000			1/1
	1000	PBWT4095	1STQ007898B0000			1/1
600	600	PBWT5055	1STQ007899B0000			1/1
	800	PBWT5075	1STQ007900B0000			1/1
	1000	PBWT5095	1STQ007901B0000			1/1
800	600	PBWT1175	1STQ007902B0000			1/1
	800	PBWT7075	1STQ007903B0000			1/1
	1000	PBWT7095	1STQ007904B0000			1/1
1000	600	PBWT1155	1STQ007905B0000			1/1
	800	PBWT9075	1STQ007906B0000			1/1
	1000	PBWT9095	1STQ007907B0000			1/1

Vertical breaker for CTs application

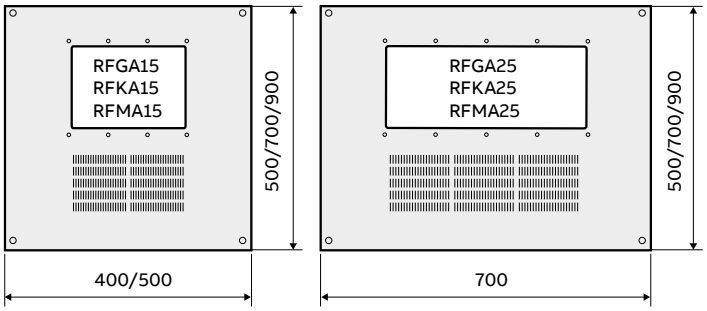
Cover kits

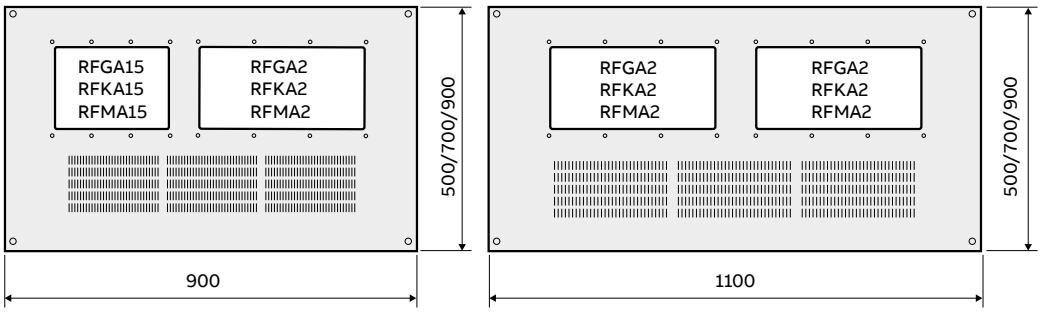


TriLine flanges for open bottom panel

Description	Flange (mm) H	W	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Aluminium closed flanges	200	470	RFGA2	2CPX021408R9999			1/1
		345	RFGA15	2CPX021407R9999			1/1
		595	RFGA25	2CPX021409R9999			1/1
Aluminium flanges with cable sleeves 14-68mm	200	470	RFKA2	2CPX021414R9999			1/1
		345	RFKA15	2CPX021413R9999			1/1
		595	RFKA25	2CPX021415R9999			1/1
Flanges with rubber for cables	200	470	RFMA2	2CPX021420R9999			1/1
		345	RFMA15	2CPX021419R9999			1/1
		595	RFMA25	2CPX021421R9999			1/1

Examples of uses



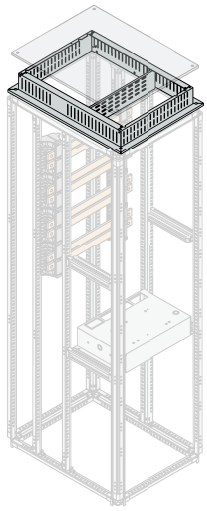


IPX1 profiles

Dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
IPX1 profiles for single columns in width						
500		PKST0400	1STQ001908B0000			1/1
600		PKST0500	1STQ001909B0000			1/1
800		PKST0701	1STQ007920B0000			1/1
1000		PKTS0900	1STQ007921B0000			1/1
IPX1 profiles for single columns in depth						
	600	PKDT0501	1STQ001938B0000			1/1
	800	PKDT0700	1STQ001923B0000			1/1
	1000	PKDT0900	1STQ001926B0000			1/1
IPX1 profiles for back to back columns in width						
500		PKDT0400	1STQ001920B0000			1/1
600		PKDT0500	1STQ001921B0000			1/1
800		PKDT0700	1STQ007922B0000			1/1
1000		PKDT0900	1STQ007923B0000			1/1
IPX1 profiles for side by side columns in depth						
	600	PKST0501	1STQ001936B0000			1/1
	800	PKST0700	1STQ001911B0000			1/1
	1000	PKST0900	1STQ001914B0000			1/1

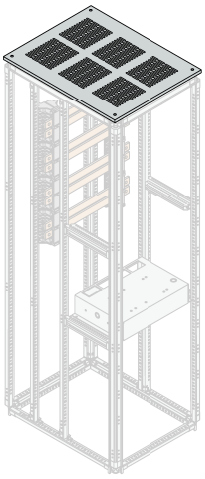
Vertical breaker for CTs application

Cover kits



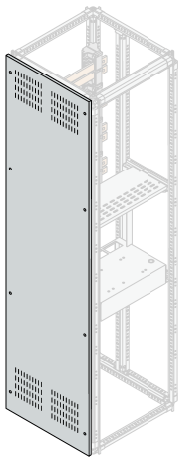
Elevated top

Dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
500	1000	PKTE5010	1STQ004173B0000			1/1
600		PKTE6010	1STQ004174B0000			1/1
800		PKTE8010	1STQ004175B0000			1/1
1000		PKTE1010	1STQ004177B0000			1/1



Aerated top

Dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
500	1000	PKTA5010	1STQ004183B0000			1/1
600		PKTA6010	1STQ004184B0000			1/1
800		PKTA8010	1STQ004185B0000			1/1
1000		PKTA1010	1STQ004187B0000			1/1

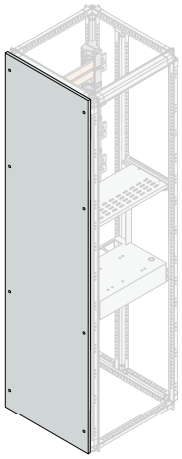


External aerated side panel

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
2000	600	PPEA2051	1STQ003531B0000			1/1
	800	PPEA2071	1STQ003532B0000			1/1
	1000	PPEA2091	1STQ003534B0000			1/1

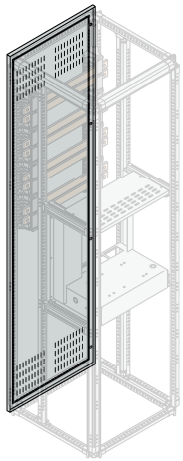
Vertical breaker for CTs application

Cover kits



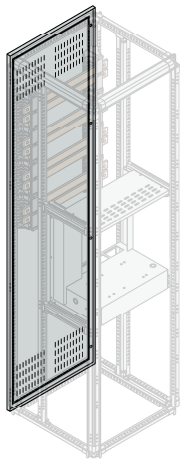
External blind side panel

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
2000	600	PPEB2056	1STQ008106A0000			1/1
	800	PPEB2076	1STQ008107A0000			1/1
	1000	PPEB2096	1STQ008108A0000			1/1



External aerated rear panel

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
2000	500	PPEA2041	1STQ003530B0000			1/1
	600	PPEA2051	1STQ003531B0000			1/1
	800	PPEA2071	1STQ003532B0000			1/1
	1000	PPEA2091	1STQ003534B0000			1/1



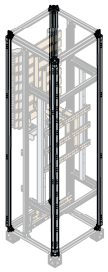
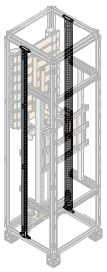
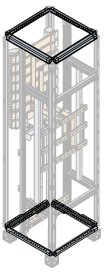
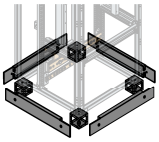
External blind rear panel

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
2000	500	PPEB2046	1STQ007590A0000			1/1
	600	PPEB2056	1STQ008106A0000			1/1
	800	PPEB2076	1STQ008107A0000			1/1
	1000	PPEB2096	1STQ008108A0000			1/1

Profile rails

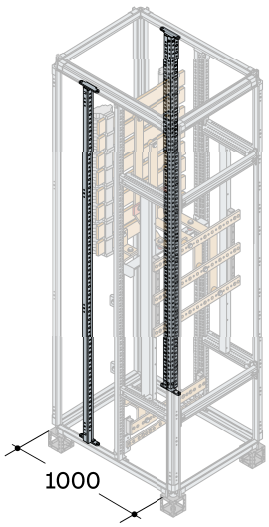
	Delivered in kit		Delivered assembled		Pkg/
Description	Type	Order code	Type	Order code	No. pcs
Profile No.10 W=500	PRZBA500	1STQ007503B0000			1/10
Profile No.10 W=600	PRZBA600	1STQ008297B0000			1/10
Profile No.10 W=800	PRZBA800	1STQ007504B0000			1/10
Profile No.10 W=1000	PRZBA100	1STQ007505B0000			1/10

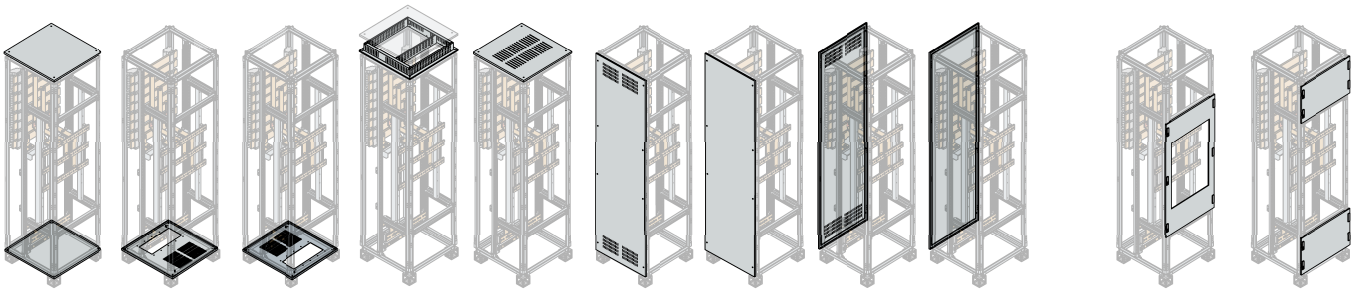
InLine
Quick selection guide

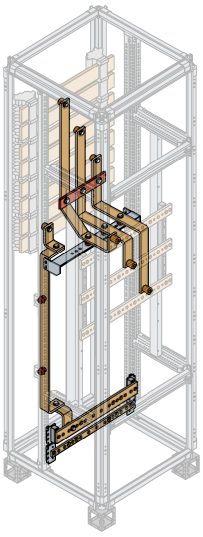
Functional dimensions			External dimensions			FRAME Uprights		Intermediate uprights for internal mounting busbars*		Structure crosspieces Galvanized sheet metal		H=100mm plinth	Plinth flanges	
H (mm)	**W (mm)**	**D (mm)**	**H (mm)**	**W (mm)**	**D (mm)**	Galvanized sheet metal	Stainless Steel	Galvanized sheet metal	Stainless Steel	Front/Rear	Side	Angle pieces	Front/Rear	Side
		500			**600**						PCFM0500			PPFM1050
	500	**700**		**600**	**800**					PCFM0500	PCFM0700	PPAM0100	PPFM1050	PPFM1070
		900			**1000**			PUPM2011	PUPS2011		PCFM0900			PPFM1090
		500			**600**						PCFM0500			PPFM1050
2000	**700**	**700**	**2200**	**800**	**800**	PUPM2001	PUPS2001			PCFM0700	PCFM0700	PPAM0100	PPFM1070	PPFM1070
		900			**1000**			PUPM2011	PUPS2011		PCFM0900			PPFM1090
		500			**600**						PCFM0500			PPFM1050
	900	**700**		**1000**	**800**					PCFM0900	PCFM0700	PPAM0100	PPFM1090	PPFM1070
		900			**1000**			PUPM2011	PUPS2011		PCFM0900			PPFM1090

* For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.





EXTERNAL COVER									InLine kit		
Top/bottom external panel	Internal top/bottom	Internal open bottom	Elevated top	Aerated top	Side Panel		Rear Panel		height of central section	Mounting kit + front panel	Flat front blind panel
			D=1000mm	D=1000mm	Areated	Blind	Areated	Blind	H (mm)		TOP/ BOTTOM
PTBB5057	PTBB5051	PBWP5051			PPEA2051	PPEB2056					
PTBB5070	PTBB5071	PBWP5071			PPEA2071	PPEB2076	PPEA2051	PPEB2056		PKNL1262	PPNT1250
PTBB5090	PTBB5091	PBWP5091	PKTE6010	PKTA6010	PPEA2091	PPEB2096					
PTBB5070	PTBB7051	PBWP1170			PPEA2051	PPEB2056					
PTBB7072	PTBB7071	PBWP7071			PPEA2071	PPEB2076	PPEA2071	PPEB2076	1200	PKNL1282	PPNT1270
PTBB7092	PTBB7091	PBWP7091	PKTE8010	PKTA8010	PPEA2091	PPEB2096					
PTBB5090	PTBB9051	PBWP1150			PPEA2051	PPEB2056					
PTBB9070	PTBB9071	PBWP9071			PPEA2071	PPEB2076	PPEA2091	PPEB2096		PKNL1212	PPNT1290
PTBB9092	PTBB9091	PBWP9091	PKTE1010	PKTA1010	PPEA2091	PPEB2096					



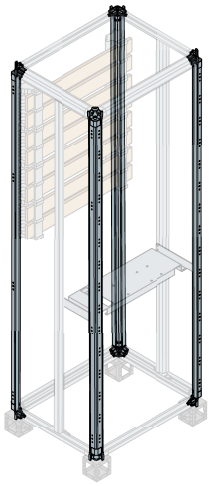
Connection between main and distribution busbars

H (mm)	D (mm)	Rating [A]	Distribution busbar section	connection between main and distribution busbars
1200	600	1000	3x 50x10mm	PBLL5010
		1250	3x 60x10mm	PBLL6010
		1600	3x 80x10mm	PBLL8010
		2000	3x 100x10mm	PBLL1010
	800/1000	1000	3x 50x10mm	PBLL5011
		1250	3x 60x10mm	PBLL6011
		1600	3x 80x10mm	PBLL8011
		2000	3x 100x10mm	PBLL1011

—

For distribution busbars codes, see pag. 2-74.

InLine
Order codes - Frame



Uprights – Galvanized sheet metal
Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

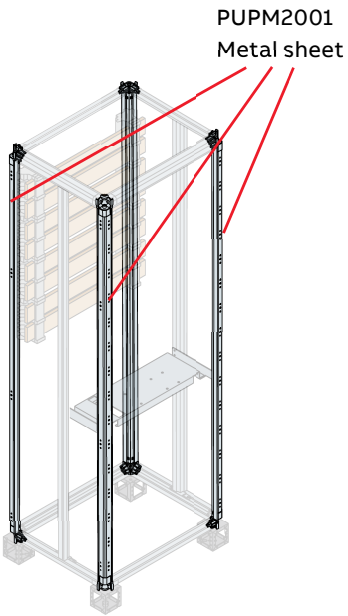
External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.4 galvanized sheet metal uprights					
2200	PUPM2001	1STQ003353B0000	PUPM2001A	1STQ002875M0000	1/4

Uprights – Stainless steel
The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In >4000A.

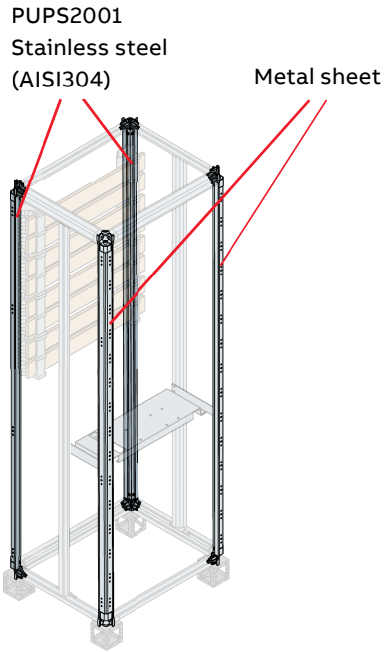
External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.2 stainless steel uprights and no.2 galvanized sheet metal uprights					
2200	PUPS2001	1STQ003354B0000	PUPS2001A	1STQ002878M0000	1/4

Examples of use

Galvanized sheet metal In ≤4000A

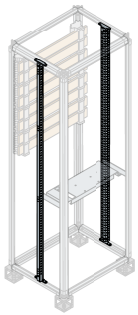


Uprights for enclosure In>4000A



InLine

Order codes - Frame



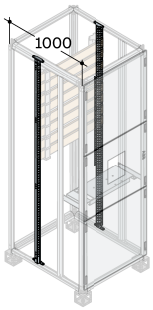
Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.1 galvanized sheet metal upright					
2200	PUPM2011	1STQ003355B0000	PUPM2011A	1STQ002877M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



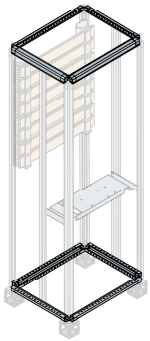
Intermediate upright for internal mounting kits and busbars – Stainless steel

Upright formed by a closed profile made of stainless steel. For applications with In >4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.1 stainless steel metal upright					
2200	PUPS2011	1STQ003703B0000	PUPS2011A	1STQ002879M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



Structure crosspieces – Galvanized sheel metal

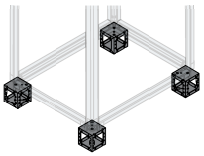
Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions		Delivered in kit		Delivered assembled		Package/ No. pcs
W (mm)	D (mm)	Type	Order code	Type	Order code	
No.4 width crosspieces						
600		PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
800		PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
1000		PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4
No.4 depth crosspieces						
	600	PCFM0500	1STQ007039A0000	PCFM0700A	1STQ001681M0000	1/4
	800	PCFM0700	1STQ007046A0000	PCFM0900A	1STQ001683M0000	1/4
	1000	PCFM0900	1STQ007047A0000	PPAM0100A	1STQ002406M0000	1/4

InLine

Order codes - Frame

PPAM0100

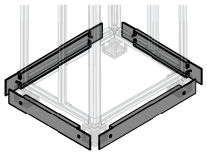


Universal angle pieces for plinths in galvanized sheet metal

Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000	PPAM0100A	1STQ002406M0000	1/4

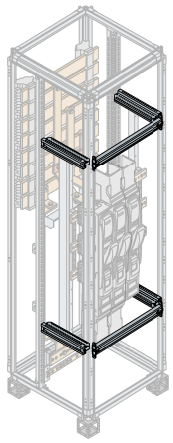
*Order no. 2 pieces of H=100mm covering flange kits to complete the H=200mm plinth.
Max. plinth height 300mm combining n.3 pieces of 100mm standard plinths.



Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 front/rear plinth flanges						
600		PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
800		PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
1000		PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2
No.2 side plinth flanges						
	600	PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
	800	PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
	1000	PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2



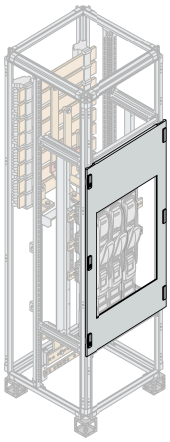
InLine mounting kit for application H1200

Kit for the fixing of InLine fuseholders. Busbar holders are not included in the kit.

No. max installable Inline	Dimensions (mm) H	W	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
InLine mounting kit + front panel							
5	1200	600	PKNL1262	1STQ003627B0000	PKNL1262A	1STQ002381M0000	1/2
7	1200	800	PKNL1282	1STQ003628B0000	PKNL1282A	1STQ002382M0000	1/2
9	1200	1000	PKNL12 12	1STQ003629B0000	PKNL1212A	1STQ002380M0000	1/2

InLine

Order codes - Components



Busbar holder

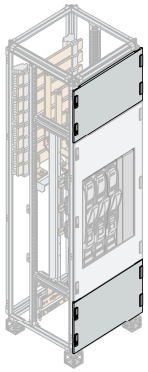
To be ordered separately.

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Busbar holder	ZX522	2CPX067909R9999	-	-	1/1
Busbar holder	ZX522P10	2CPX062553R9999	-	-	1/10

Panel for InLine mounting kit

For columns with partial doors.

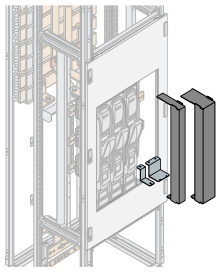
Dimensions (mm) H	W	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
1200	600	PKNL1264	1STQ006224B0000	PKNL1264A	1STQ003397M0000	1/2
1200	800	PKNL1284	1STQ006225B0000	PKNL1284A	1STQ003398M0000	1/2
1200	1000	PKNL1214	1STQ006226B0000	PKNL1214A	1STQ003399M0000	1/2



Panels to cover top/bottom compartment

For columns with partial doors.

External dimensions H (mm)	W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 flat front blind panel top/bottom						
400	600	PPNT1250	1STQ003669B0000	PPNT1250A	1STQ002475M0000	1/1
400	800	PPNT1270	1STQ003671B0000	PPNT1270A	1STQ002476M0000	1/1
400	1000	PPNT1290	1STQ003673B0000	PPNT1290A	1STQ002477M0000	1/1



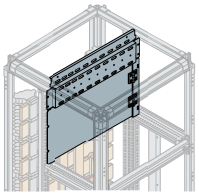
InLine dummy modules

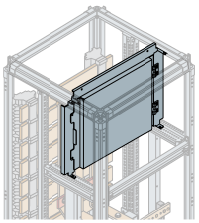
Dummy modules InLine to cover free space in the enclosure and guarantee touch protection.

Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
InLine vertical compensator					
50	PCNL0051	1STQ003660B0000	PCNL0051A	1STQ001781M0000	1/1
100	PCNL0101	1STQ003661B0000	PCNL0101A	1STQ001783M0000	1/1

InLine

Order codes - Components

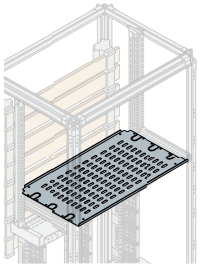




Top/bottom compartment: fixed and adjustable position rear shelves

They can be mounted in the top/bottom compartment if cable connections and N/PE bars are not present.

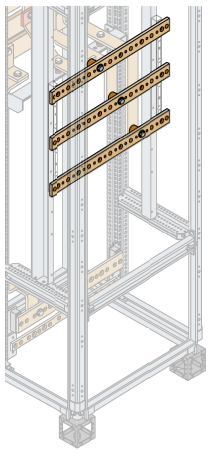
Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Fixed rear shelf						
400	600	PSVF4060	1STQ003123B0000	PSVF4060A	1STQ002657M0000	1/1
400	800	PSVF4080	1STQ003124B0000	PSVF4080A	1STQ002658M0000	1/1
400	1000	PSVF4010	1STQ003125B0000	PSVF4010A	1STQ002656M0000	1/1
Adjustable rear shelf						
400	600	PSVH4060	1STQ003137B0000	PSVH4060A	1STQ002672M0000	1/1
400	800	PSVH4080	1STQ003138B0000	PSVH4080A	1STQ002673M0000	1/1
400	1000	PSVH4010	1STQ003139B0000	PSVH4010A	1STQ002671M0000	1/1



Horizontal segregations

The kit is composed composed by one horizontal segregation form 2a/3a.

External dimensions	Delivered in kit		Delivered assembled		Package/
W (mm)	Type	Order code	Type	Order code	No. pcs
Horizontal segregation					
600	PSHS0601	1STQ004013B0000	PSHS0601A	1STQ002617M0000	1/1
800	PSHS0800	1STQ004014B0000	PSHS0800A	1STQ002620M0000	1/1
1000	PSHS1000	1STQ004015B0000	PSHS1000A	1STQ002622M0000	1/1



Distribution Busbar for application H1200

Oriziontal busbar system to be selected according to the rating and the width of the column.

Busbar section (mm)	Dimensions W (mm)	Rating [A]	Delivered in kit		Delivered assembled		Package/
			Type	Order code	Type	Order code	No. pcs
No.3 busbars							
50x10	600	1000	PBNL5060	1STQ003630B0000	PBNL5060A	1STQ001489M0000	1/3
60x10		1250	PBNL6060	1STQ003631B0000	PBNL6060A	1STQ001492M0000	1/3
80x10		1600	PBNL8060	1STQ003632B0000	PBNL8060A	1STQ001495M0000	1/3
100x10		2000	PBNL1060	1STQ003633B0000	PBNL1060A	1STQ001486M0000	1/3
50x10	800	1000	PBNL5080	1STQ003634B0000	PBNL5080A	1STQ001490M0000	1/3
60x10		1250	PBNL6080	1STQ003635B0000	PBNL6080A	1STQ001493M0000	1/3
80x10		1600	PBNL8080	1STQ003636B0000	PBNL8080A	1STQ001496M0000	1/3
100x10		2000	PBNL1080	1STQ003637B0000	PBNL1080A	1STQ001487M0000	1/3
50x10	1000	1000	PBNL5010	1STQ003638B0000	PBNL5010A	1STQ001488M0000	1/3
60x10		1250	PBNL6010	1STQ003639B0000	PBNL6010A	1STQ001491M0000	1/3
80x10		1600	PBNL8010	1STQ003640B0000	PBNL8010A	1STQ001494M0000	1/3
100x10		2000	PBNL1010	1STQ003641B0000	PBNL1010A	1STQ001485M0000	1/3

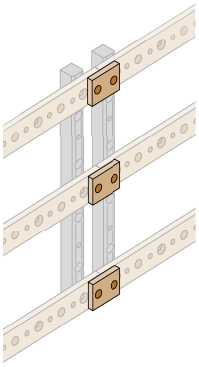
Distribution Busbar for application H2200

Oriziontal busbar system to be selected according to the rating and the width of the column.

Busbar section (mm)	Dimensions W (mm)	Rating [A]	Delivered in kit		Delivered assembled		Package/
			Type	Order code	Type	Order code	No. pcs
No.3 busbars							
50X10	600	1000	PBNL5061	1STQ006233B0000	-	-	1/3
60X10		1250	PBNL6061	1STQ006234B0000	-	-	1/3
80X10		1600	PBNL8061	1STQ006235B0000	-	-	1/3
100X10		2000	PBNL1061	1STQ006236B0000	-	-	1/3
50X10	800	1000	PBNL5081	1STQ006237B0000	-	-	1/3
60X10		1250	PBNL6081	1STQ006238B0000	-	-	1/3
80X10		1600	PBNL8081	1STQ006239B0000	-	-	1/3
100X10		2000	PBNL1081	1STQ006240B0000	-	-	1/3
50X10	1000	1000	PBNL5011	1STQ006241B0000	-	-	1/3
60X10		1250	PBNL6011	1STQ006242B0000	-	-	1/3
80X10		1600	PBNL8011	1STQ006243B0000	-	-	1/3
100X10		2000	PBNL1011	1STQ006244B0000	-	-	1/3

InLine

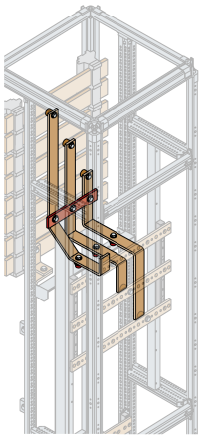
Order codes - Components



Busbar joints for distribution busbars

For InLine structures coupled side by side.

Busbar section (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Busbars joint					
1x50x10	PDJ50X10	1STQ005405B0000	PDJ50X10A	1STQ001804M0000	1/1
1x60x10	PDJ60X10	1STQ005406B0000	PDJ60X10A	1STQ001805M0000	1/1
1x80x10	PDJ80X10	1STQ005407B0000	PDJ80X10A	1STQ001806M0000	1/1
1x100x10	PDJ10X10	1STQ005408B0000	PDJ10X10A	1STQ001803M0000	1/1



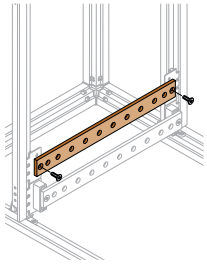
InLine Connections 3 poles

To make the connection between the main and distribution busbars. Comprehends all the fixing accessories.

Busbar section (mm)	Dimensions W (mm)	Rating [A]	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.3 bar Connection 3 poles							
50x10	600	1000	PBLL5010	1STQ003662B0000	PBLL5010A	1STQ001360M0000	1/3
60x10		1250	PBLL6010	1STQ003663B0000	PBLL6010A	1STQ001362M0000	1/3
80x10		1600	PBLL8010	1STQ003664B0000	PBLL8010A	1STQ001364M0000	1/3
100x10		2000	PBLL1010	1STQ003665B0000	PBLL1010A	1STQ001358M0000	1/3
50x10	800/1000	1000	PBLL5011	1STQ003783B0000	PBLL5011A	1STQ001361M0000	1/3
60x10		1250	PBLL6011	1STQ003784B0000	PBLL6011A	1STQ001363M0000	1/3
80x10		1600	PBLL8011	1STQ003785B0000	PBLL8011A	1STQ001365M0000	1/3
100x10		2000	PBLL1011	1STQ003786B0000	PBLL1011A	1STQ001359M0000	1/3

Anchoring kit without copper for InLine Connections 3 poles

Busbar section (mm)	Dimensions W (mm)	Rating [A]	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
50x10	600	1000	PANC0006	1STQ006504B0000	-	-	1/1
60x10		1250	PANC0006	1STQ006504B0000	-	-	1/1
80x10		1600	PANC0006	1STQ006504B0000	-	-	1/1
100x10		2000	PANC0006	1STQ006504B0000	-	-	1/1
50x10	800/1000	1000	PANC0006	1STQ006504B0000	-	-	1/1
60x10		1250	PANC0006	1STQ006504B0000	-	-	1/1
80x10		1600	PANC0006	1STQ006504B0000	-	-	1/1
100x10		2000	PANC0005	1STQ006503B0000	-	-	1/1

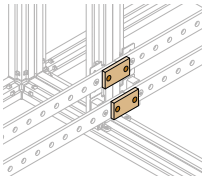


Busbars for neutral 100% separated

To be used for stand alone enclosure.

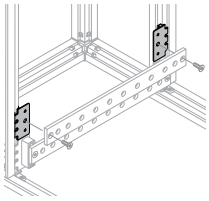
Busbar section (mm)	Column external W (mm)	MBB Rating (A)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Busbars for neutral 100% separated							
50x10	600	1000A	PBNE1061	1STQ005307B0000	PBNE1061A	1STQ001380M0000	1/1
	800		PBNE1081	1STQ005308B0000	PBNE1081A	1STQ001383M0000	1/1
	1000		PBNE1051	1STQ005309B0000	PBNE1051A	1STQ001377M0000	1/1
60x10	600	1250A	PBNE2060	1STQ003810B0000	PBNE2060A	1STQ001410M0000	1/1
	800		PBNE2080	1STQ003811B0000	PBNE2080A	1STQ001411M0000	1/1
	1000		PBNE2010	1STQ003813B0000	PBNE2010A	1STQ001403M0000	1/1
80x10	600	1600A	PBNE2560	1STQ003820B0000	PBNE2560A	1STQ001420M0000	1/1
	800		PBNE2580	1STQ003821B0000	PBNE2580A	1STQ001421M0000	1/1
	1000		PBNE2510	1STQ003823B0000	PBNE2510A	1STQ001413M0000	1/1
2x50x10	600	2000A	PBNE1161	1STQ005632B0000	PBNE1161A	1STQ001390M0000	1/1
	800		PBNE1181	1STQ005633B0000	PBNE1181A	1STQ001391M0000	1/1
	1000		PBNE1113	1STQ005634B0000	PBNE1113A	1STQ001389M0000	1/1

InLine
Order codes - Components



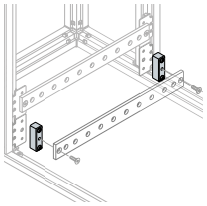
Busbar joint for neutral/earth busbars

Busbar section (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Busbars joint for N/PE busbars					
1x50x10	PNJ50X10	1STQ005398B0000	-	-	1/1
1x80x10	PNJ80X10	1STQ005400B0000	-	-	1/1
Busbars joint for neutral busbars					
1x60x10	PNJ60X10	1STQ005399B0000	-	-	1/1
2x50x10	PNJ52X10	1STQ005401B0000	-	-	1/1



Brackets for PE/N compartment

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Brackets for PE /N busbar	PBRP0003	1STQ003149B0000	PBRP0003A	1STQ001498M0000	1/2



Neutral busbar holder

To be ordered two pieces for fixing the busbar.

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Neutral busbar holder	ZX563	2CPX068735R9999	-	-	1/1
Neutral busbar holder	ZX563P10	2CPX068736R9999	-	-	1/10

Offset connnection

	MBB rating In(A)	Busbar section (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Offset connnection N to N								
A	1000A	50x10	600	POILV5010	1STQ005800B0000	POILV5010A	1STQ002986M0000	1/1
	1250A	60x10	800 1000	POILV6010	1STQ005801B0000	POILV6010A	1STQ002987M0000	1/1
	1600A	80x10		POILV8010	1STQ005802B0000	POILV8010A	1STQ002988M0000	1/1
	2000A	100x10		POILV1010	1STQ005803B0000	POILV1010A	1STQ002989M0000	1/1
B	1000A	50x10	600	POILH5016	1STQ005804B0000	POILH5016A	1STQ002990M0000	1/1
	1250A	60x10		POILH6016	1STQ005805B0000	POILH6016A	1STQ002991M0000	1/1
	1600A	80x10		POILH8016	1STQ005806B0000	POILH8016A	1STQ002992M0000	1/1
	2000A	100x10		POILH1016	1STQ005807B0000	POILH1016A	1STQ002993M0000	1/1
C	1000A	50x10	800	POILH5018	1STQ005809B0000	POILH5018A	1STQ002995M0000	1/1
	1250A	60x10	1000	POILH6018	1STQ005810B0000	POILH6018A	1STQ002996M0000	1/1
	1600A	80x10		POILH8018	1STQ005811B0000	POILH8018A	1STQ002997M0000	1/1
	2000A	100x10		POILH1018	1STQ005812B0000	POILH1018A	1STQ002998M0000	1/1
Offset connnection PE to PE								
	1000A 2000A	30x10	600 800 1000	POIPE3010	1STQ005808B0000	POIPE3010A	1STQ002994M0000	1/1

Offset to MBBS in D=600mm order code A + B.

Offset to MBBS in D=800/1000mm order code A + C.

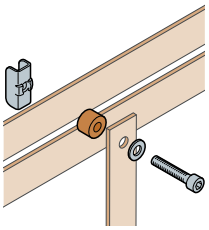
NOTE:

In case of N above and below D=600mm order no. 2 code A+B.

In case of N above and below D=800/1000mm order no. 2 code A+C.

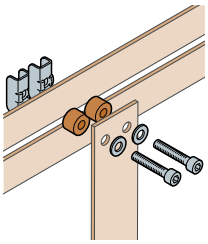
Bars fixing kit-selection table
This kit contains cylinders, screws and closing elements to be selected according to the below table and the braker type, rating and culumn depth.
For current ≥ 3200A it is necessary to complete the configuration with copper compensators PCMP.... page 2-22.

Breaker type	MBB (A)	No. of poles	Depth (mm)	Bars fixing kit
InLine busbar section 50x10 and 60x10	1000A/2000A	3	600/800	PCCS01X3
			1000	PCCS05X3
	2500 A	3	600/800	PCCS01X3
			1000	PCCS05X3
	3200A/4000A*	3	600/800	PCCS09X3
			1000	PCCS07X3
	5000A/6300A	3	1000	PCCS15X3



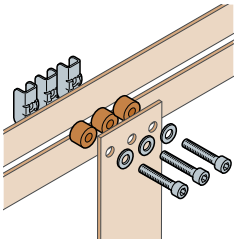
—
For 4000A only D=800mm and D=800mm

Breaker type	MBB (A)	No. of poles	Depth (mm)	Bars fixing kit
InLine busbar section 80x10	1000A/2000A	3	600/800	PCCS01X3 x2
			1000	PCCS05X3 x2
	2500 A	3	600/800	PCCS01X3 x2
			1000	PCCS05X3 x2
	3200A/4000A*	3	600/800	PCCS09X3 x2
			1000	PCCS07X3 x2
	5000A/6300A	3	1000	PCCS15X3 x2



—
For 4000A only D=800mm and D=800mm

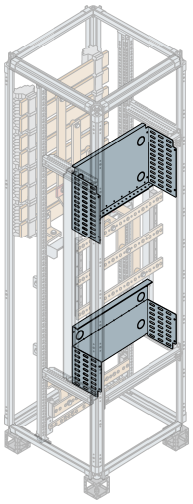
Breaker type	MBB (A)	No. of poles	Depth (mm)	Bars fixing kit
InLine busbar section 100x10	1000A/2000A	3	600/800	PCCS01X3 x3
			1000	PCCS05X3 x3
	2500 A	3	600/800	PCCS01X3 x3
			1000	PCCS05X3 x3
	3200A/4000A*	3	600/800	PCCS09X3 x3
			1000	PCCS07X3 x3
	5000A/6300A	3	1000	PCCS15X3 x3



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For 4000A only D=800mm and D=800mm

InLine

Order codes - Components



Form 2a/3a

Rear Segregation for application H1200

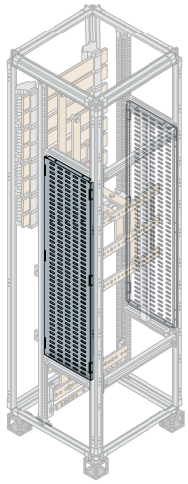
It is used to segregate the Inline compartment

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	H(mm)	Type	Order code	Type	Order code	No. pcs
Rear segregation						
600	1200	PSVR0060	1STQ004120B0000	PSVR0060A	1STQ002686M0000	1/1
800	1200	PSVR0080	1STQ004121B0000	PSVR0080A	1STQ002688M0000	1/1
1000	1200	PSVR1000	1STQ004122B0000	PSVR1000A	1STQ002690M0000	1/1

Rear Segregation for application H2200

It is used to segregate the Inline compartment

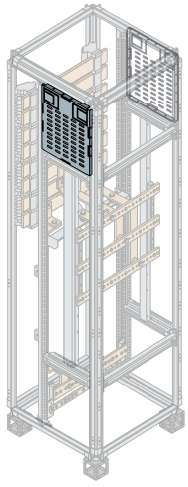
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	H(mm)	Type	Order code	Type	Order code	No. pcs
Rear segregation						
600	2200	PSVR0160	1STQ006230B0000	-	-	1/1
800	2200	PSVR0180	1STQ006231B0000	-	-	1/1
1000	2200	PSVR1100	1STQ006232B0000	-	-	1/1



Side segregation for middle compartment

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm) *	Type	Order code	Type	Order code	No. pcs
Side segregation for middle compartment						
1200	300	PPVS1230	1STQ004123B0000	PPVS1230A	1STQ002493M0000	1/1

* until intermediate upright.



Side segregation for wiring duct compartment

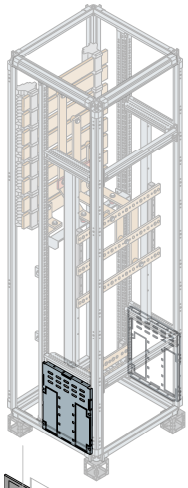
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm) *	Type	Order code	Type	Order code	No. pcs
Side segregation for wiring duct compartment						
400	300	PPVT4030	1STQ004124B0000	PPVT4030A	1STQ002502M0000	1/1

—

* until intermediate upright.

InLine

Order codes - Segregation



Form 2a/3a

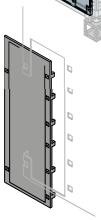
Side segregation for P/NE compartment

External dimensions W (mm)	D (mm) *	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Side segregation for P/NE compartment						
400	300	PPVB4030	1STQ004231B0000	PPVB4030A	1STQ002490M0000	1/1

* until intermediate upright.

Rubber cover for closing compartments at the side

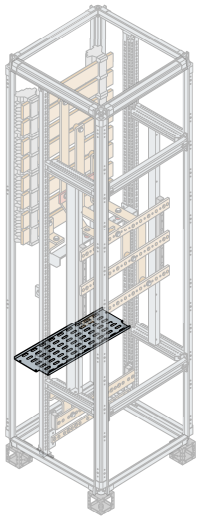
Rubber cover for closing compartments at the side and routing connections.



Cell dimensions (mm) H	Rubber dimensions (mm) H	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Rubber cover						
300	250	PPRS0300	1STQ008585A0000	PPRS0300A	1STQ003432M0000	1/1

Horizontal segregation

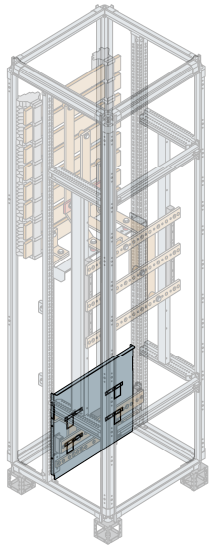
The kit is composed by an horizontal segregation for outgoing side form 2a/3a.



External dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Horizontal segregation					
600	PSHS0602	1STQ004125B0000	PSHS0602A	1STQ002618M0000	1/1
800	PSHS0801	1STQ004126B0000	PSHS0801A	1STQ002621M0000	1/1
1000	PSHS1001	1STQ004127B0000	PSHS1001A	1STQ002623M0000	1/1

Segregation Form 2a, 3a for InLine structure

	Dimensions (mm) H	W	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Segregation 2a, 3a	1000	600	PSVR0160	1STQ006230B0000			1/1
Segregation 2a, 3a	1000	800	PSVR0180	1STQ006231B0000			1/1
Segregation 2a, 3a	100	1000	PSVR1100	1STQ006232B0000			1/1



Form 3b

Segregation for bottom compartment

The kit is composed vertical rear segregation for top/ bottom compartment.

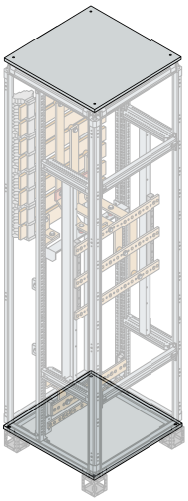
External dimensions H (mm)	W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Vertical rear segregation						
400	600	PRVS0460	1STQ004128B0000	PRVS0460A	1STQ002522M0000	1/1
400	800	PRVS0480	1STQ004129B0000	PRVS0480A	1STQ002523M0000	1/1
400	1000	PRVS0410	1STQ004130B0000	PRVS0410A	1STQ002521M0000	1/1

—

If the Inline are mounted upside down, two pieces have to be ordered.

InLine

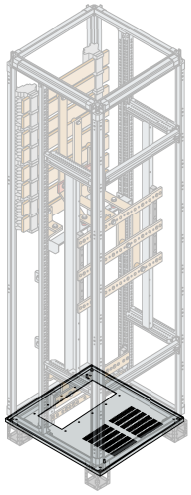
Order codes - Segregation



Blind Top/Bottom - without gasket

Pickled sheet steel without gasket. The article comprises one single component that can be used as either a top or bottom. In order to purchase both the top and the bottom, please order two quantities of the same code or two different top/bottom codes according to the desired design of the structure. The code includes four M12x20 screws.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind Top/Bottom						
600	600	PTBB5057	1STQ009407A0000	PTBB5057A	1STQ002796M0000	1/1
	800	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	1000	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
800	600	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	800	PTBB7072	1STQ003358B0000	PTBB7072A	1STQ002805M0000	1/1
	1000	PTBB7092	1STQ003359B0000	PTBB7092A	1STQ002807M0000	1/1
1000	600	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
	800	PTBB9070	1STQ003600B0000	PTBB9070A	1STQ002818M0000	1/1
	1000	PTBB9092	1STQ003360B0000	PTBB9092A	1STQ002821M0000	1/1



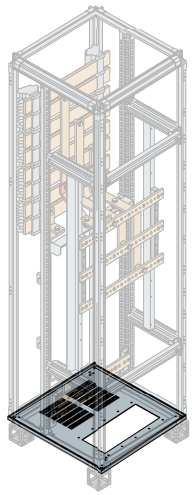
External top/bottom - without gasket

Pickled sheet steel without gasket. to be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Open top/bottom						
600	600	PTBB5051	1STQ003373B0000	PTBB5051A	1STQ002795M0000	1/1
	800	PTBB5071	1STQ003374B0000	PTBB5071A	1STQ002798M0000	1/1
	1000	PTBB5091	1STQ003375B0000	PTBB5091A	1STQ002801M0000	1/1
800	600	PTBB7051	1STQ004169B0000	PTBB7051A	1STQ002803M0000	1/1
	800	PTBB7071	1STQ003598B0000	PTBB7071A	1STQ002804M0000	1/1
	1000	PTBB7091	1STQ003597B0000	PTBB7091A	1STQ002806M0000	1/1
1000	600	PTBB9051	1STQ004170B0000	PTBB9051A	1STQ002817M0000	1/1
	800	PTBB9071	1STQ003599B0000	PTBB9071A	1STQ002819M0000	1/1
	1000	PTBB9091	1STQ003601B0000	PTBB9091A	1STQ002820M0000	1/1

InLine

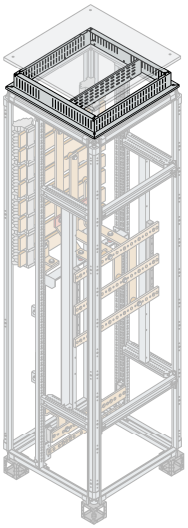
Order codes - External cover



Internal top/bottom - without gasket

Zing-coated sheet metal. To be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Open top/bottom						
600	600	PBWP5051	1STQ004153B0000	PBWP5051A	1STQ001540M0000	1/1
	800	PBWP5071	1STQ004154B0000	PBWP5071A	1STQ001541M0000	1/1
	1000	PBWP5091	1STQ004155B0000	PBWP5091A	1STQ001542M0000	1/1
800	600	PBWP1170	1STQ003389B0000	PBWP1170A	1STQ001525M0000	1/1
	800	PBWP7071	1STQ003385B0000	PBWP7071A	1STQ001543M0000	1/1
	1000	PBWP7091	1STQ003386B0000	PBWP7091A	1STQ001544M0000	1/1
1000	600	PBWP1150	1STQ003388B0000	PBWP1150A	1STQ001523M0000	1/1
	800	PBWP9071	1STQ004159B0000	PBWP9071A	1STQ001548M0000	1/1
	1000	PBWP9091	1STQ003387B0000	PBWP9091A	1STQ001549M0000	1/1



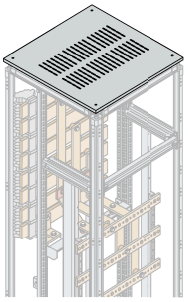
Elevated top - without gasket

To favor heat dissipation inside the column.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Elevated top						
600	1000	PKTE6010	1STQ004174B0000	PKTE6010A	1STQ002403M0000	1/1
800		PKTE8010	1STQ004175B0000	PKTE8010A	1STQ002404M0000	1/1
1000		PKTE1010	1STQ004177B0000	PKTE1010A	1STQ002396M0000	1/1

InLine

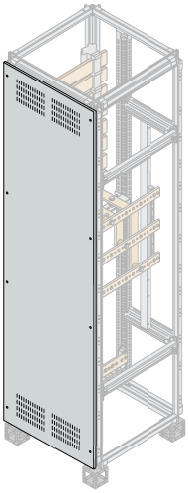
Order codes - Segregation



Aerated top - without gasket

Pickled sheet metal without gasket.

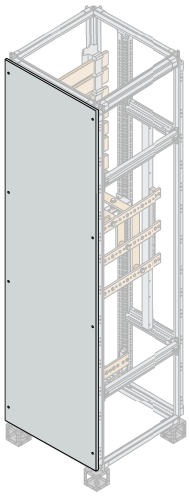
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated top						
600	1000	PKTA6010	1STQ004184B0000	PKTA6010A	1STQ002393M0000	1/1
800		PKTA8010	1STQ004185B0000	PKTA8010A	1STQ002394M0000	1/1
1000		PKTA1010	1STQ004187B0000	PKTA1010A	1STQ002386M0000	1/1



External aerated side panel - with gasket

Pickled sheet with gasket steel with ventilation grid. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated side panel						
2200	600	PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1
	800	PPEA2071	1STQ003532B0000	PPEA2071A	1STQ002415M0000	1/1
	1000	PPEA2091	1STQ003534B0000	PPEA2091A	1STQ002417M0000	1/1



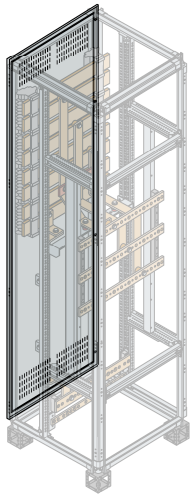
External blind side panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind side panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1

InLine

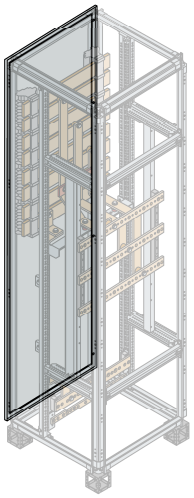
Order codes - External cover



External aerated rear panel - with gasket

Pickled sheet steel with ventilation grid.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Aerated rear panel						
2200	600	PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1
	800	PPEA2071	1STQ003532B0000	PPEA2071A	1STQ002415M0000	1/1
	1000	PPEA2091	1STQ003534B0000	PPEA2091A	1STQ002417M0000	1/1



External blind rear panel - with gasket

Pickled sheet steel. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Blind rear panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1

Frame for external door InLine structure

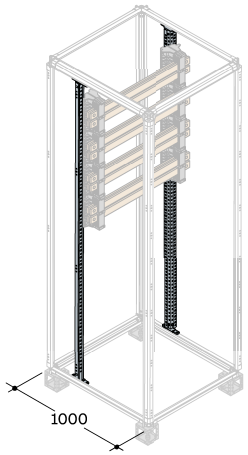
Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Door mounting kit						
2200	600	PKNL2262	1STQ006227B0000			1/1
2200	800	PKNL2282	1STQ006228B0000			1/1
2200	1000	PKNL2212	1STQ006229B0000			1/1

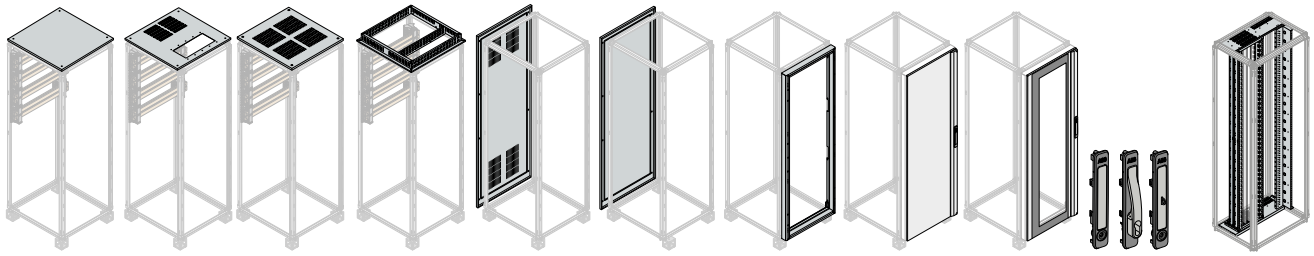
XLine horizontal 50mm
Quick selection guide



Functional dimensions			External dimensions			FRAME						
						Uprights	Intermediate uprights for internal mounting busbars [1]	Structure crosspieces Galvanized sheet metal		H=100mm plinth	Plinth flanges	
H (mm)	W (mm)	D (mm)	H (mm)	W (mm)	D (mm)	Galvanized sheet metal	Galvanized sheet metal	Front/Rear	Side	Angle pieces	Front/ Rear	Side
Structure for XLine												
2000	650	500	2200	750	600	PUPM2001	PUPM2011	PCFM0650	PCFM0500	PPAM0100	PPFM1075	PPFM1050
		700			800				PCFM0700			PPFM1070
		900			1000				PCFM0900			PPFM1090
External cable compartment												
2000	300	500	2200	400	600	PUPM2001	PUPM2011	PCFM0300	PCFM0500	PPAM0100	PPFM1030	PPFM1050
		700			800				PCFM0700			PPFM1070
		900			1000				PCFM0900			PPFM1090
	400	500		500	600			PCFM0400	PCFM0500	PPAM0100	PPFM1040	PPFM1050
		700			800				PCFM0700			PPFM1070
		900			1000				PCFM0900			PPFM1090
	600	500		700	600			PCFM0600	PCFM0500	PPAM0100	PPFM1060	PPFM1050
		700			800				PCFM0700			PPFM1070
		900			1000				PCFM0900			PPFM1090

[1] For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

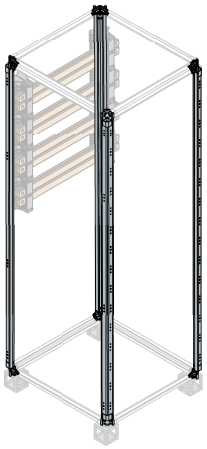




EXTERNAL COVER

Blind top bottom	Open top bottom	Bottom without plinth	Aerated top	Elevated top	Aerated rear panel	Blind rear panel	Frame for external door	Blind door without lever	Glass door without lever	Lever codes, to be added for each door			XLine components		
										Standard lever without push-button	Lever for semi-cylinder insert	Padlockable lever handle	Xline Frame for kit fixing and distribution busbars	Xline Frame for panels w/o entire door	Xline Frame with external door
PTBB6550		PBWP6550	PKTA6560												
PTBB6570		PBWP6570	PKTA6580		PPEA2065	PPEB2065	PEFD0650	PDLB2065	PDLG2065	PHLS0013	PHLS0012	PHLS0011	PSVB2006	PPFX2006	PEFD0650
PTBB6590		PBWP6590	PKTA6510	PKTE7010											
PTBB3050	PTBO3050	PBWP3051	PKTA4060												
PTBB3070	PTBO3070	PBWP3071	PKTA4080		PPEA2031	PPEB2036									
PTBB3090	PTBO3090	PBWP3091	PKTA4010												
PTBB4050	PTBO4050	PBWP4051	PKTA5060												
PTBB4070	PTBO4070	PBWP4071	PKTA5080		PPEA2041	PPEB2046	PEFD0400								
PTBB4090	PTBO4090	PBWP4091	PKTA5010	PKTE4010											
PTBB6050	PTBO6050	PBWP6051	PKTA6060												
PTBB6070	PTBO6070	PBWP6071	PKTA6080		PPEA2016	PPEB2066	PEFD0501								
PTBB6090	PTBO6090	PBWP6091	PKTA6010	PKTE5010											

XLine horizontal 50mm
Order codes - Frame

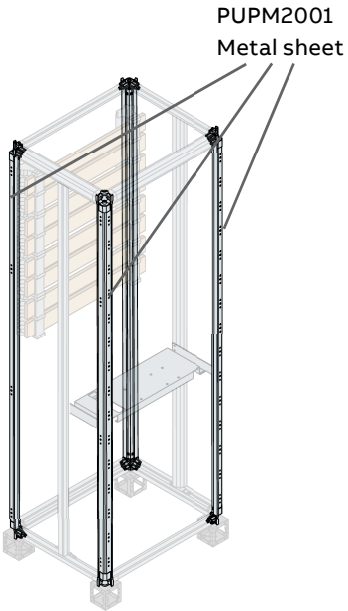


Uprights – Galvanized sheet metal
Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

External dimensions H (mm)	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
No.4 galvanized sheet metal uprights					
2200	PUPM2001	1STQ003353B0000			1/4

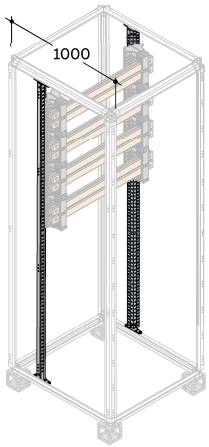
Examples of use

Galvanized sheet metal In ≤4000A



XLine horizontal 50mm

Order codes - Frame



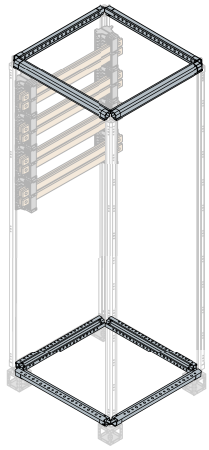
Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A.

External dimensions H (mm)	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
No.1 galvanized sheet metal upright					
2200	PUPM2011	1STQ003355B0000			1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



Structure crosspieces – Galvanized sheel metal

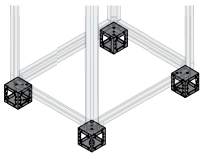
Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions W (mm)	D (mm)	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
No.4 front crosspieces						
750		PCFM0650	1STQ007466B0000			1/4
400		PCFM0300	1STQ007037A0000			1/4
500		PCFM0400	1STQ007038A0000			1/4
700		PCFM0600	1STQ007040A0000			1/4
No.4 side crosspieces						
	600	PCFM0500	1STQ007039A0000			1/4
	800	PCFM0700	1STQ007046A0000			1/4
	1000	PCFM0900	1STQ007047A0000			1/4

XLine horizontal 50mm

Order codes - Frame

PPAM0100



Universal angle pieces for plinths in galvanized sheet metal

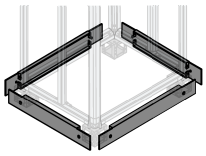
Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

External dimensions H (mm)	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000			1/4

"L" covers for plinth angle-pieces

Used for covering the sides of the plinth when the flanges are not used.

External dimensions H (mm)	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
No.4 angle-piece covers					
100	PCPA0004	1STQ008109A0000			1/4



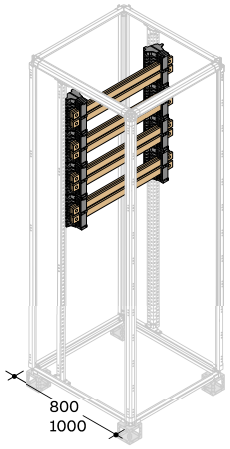
Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
No.2 front plinth flanges H=100mm						
750		PPFM1065	1STQ007467B0000			1/2
400		PPFM1030	1STQ007050A0000			1/2
500		PPFM1040	1STQ007051A0000			1/2
700		PPFM1060	1STQ007053A0000			1/2
No.2 side plinth flanges H=100mm						
	600	PPFM1050	1STQ007052A0000			1/2
	800	PPFM1070	1STQ007059A0000			1/2
	1000	PPFM1090	1STQ007060A0000			1/2

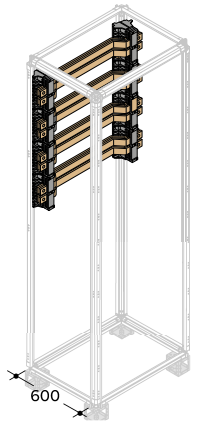
XLine horizontal 50mm

Order codes - Components



Main compact busbars

MBB rating In (A)	External dimensions W (mm)	Cross section per phase/ N100%	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
1000A	750	2x20 x10	PFCB1075	1STQ007531B0000			1/2
1250A		2x30x10	PFCB1275	1STQ007532B0000			1/2
1600A		2x40x10	PFCB1675	1STQ007533B0000			1/2
2000A		2x60x10	PFCB2075	1STQ007534B0000			1/2
2500A		2x80x10	PFCB2575	1STQ007535B0000			1/2
3200A		4x40x10	PFCB3275	1STQ007536B0000			1/4
4000A		4x60x10	PFCB4075	1STQ007537B0000			1/4
1000A	700	2x20 x10	PCFB1070	1STQ006188B0000			1/2
1250A		2x30x10	PCFB1270	1STQ006189B0000			1/2
1600A		2x40x10	PCFB1670	1STQ006190B0000			1/2
2000A		2x60x10	PCFB2070	1STQ006191B0000			1/2
2500A		2x80x10	PCFB2570	1STQ006192B0000			1/2
3200A		4x40x10	PCFB3270	1STQ006193B0000			1/4
4000A		4x60x10	PCFB4070	1STQ006194B0000			1/4
1000A	400	2x20 x10	PCFB1040	1STQ003169B0000			1/2
1250A		2x30x10	PCFB1040	1STQ003169B0000			1/2
1600A		2x40x10	PCFB1640	1STQ003190B0000			1/2
2000A		2x60x10	PCFB2040	1STQ003199B0000			1/2
2500A		2x80x10	PCFB2540	1STQ003209B0000			1/2
3200A		4x40x10	PCFB3240	1STQ003219B0000			1/4
4000A		4x60x10	PCFB4040	1STQ003229B0000			1/4
1000A	500	2x20 x10	PCFB1050	1STQ003170B0000			1/2
1250A		2x30x10	PCFB1050	1STQ003170B0000			1/2
1600A		2x40x10	PCFB1650	1STQ003191B0000			1/2
2000A		2x60x10	PCFB2050	1STQ003200B0000			1/2
2500A		2x80x10	PCFB2550	1STQ003210B0000			1/2
3200A		4x40x10	PCFB3250	1STQ003220B0000			1/4
4000A		4x60x10	PCFB4050	1STQ003230B0000			1/4



Main recessed compact busbars

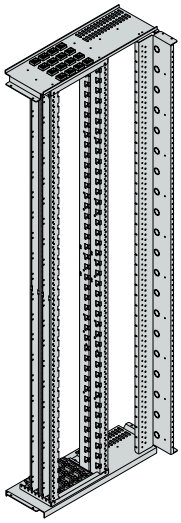
Only for depth 600mm.

MBB rating In (A)	External dimensions W (mm)	Cross section per phase/ N100%	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
1000A	750	2x20 x10	PFCR1075	1STQ007583B0000			1/4
1600/ 2000A		2x40x10	PFCR1675	1STQ007585B0000			1/4
2500A		4x40x10	PFCR3275	1STQ007588B0000			1/4

In depth 600mm In max = 2500A.

XLine horizontal 50mm

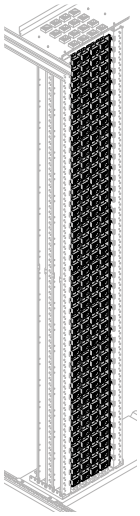
Order codes - Frame



Frame for kit fixing

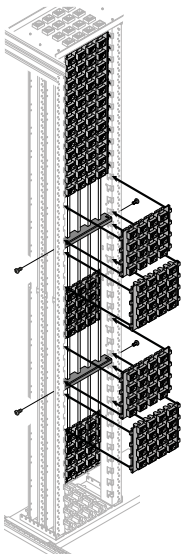
Pickled sheet metal painted RAL7035 orange peel, IP 41, to support the fixing of the compartment.

External dimensions		Delivered assembled		Delivered in kit		Pkg/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Frame for kit fixing						
2200	750	PSVB2006	1STQ005709B0000			1/1



Kit for Icw 50kA

	Delivered assembled		Delivered in kit		Pkg/
Description	Type	Order code	Type	Order code	No. pcs
Busbar holder 50kA	PBSH0002	1STQ005715B0000			1/18

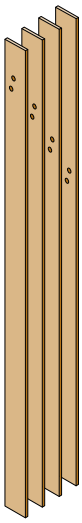


Kit for Icw 75kA

	Delivered assembled		Delivered in kit		Pkg/
Description	Type	Order code	Type	Order code	No. pcs
Busbar holder 50kA	PAKF0000	1STQ005983B0000			1/23

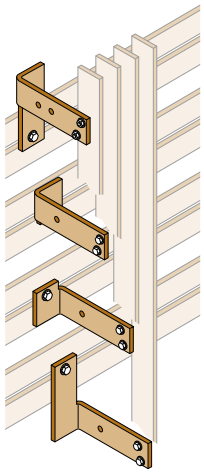
XLine horizontal 50mm

Order codes - Components



Direct distribution busbars

Description	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
DBBS 60x10 3p direct	PBFC6011	1STQ006156B0000			1/1
DBBS 60x10 4p direct	PBFQ6012	1STQ006158B0000			1/1
DBBS 80x10 3p direct	PBFC8011	1STQ006157B0000			1/1
DBBS 80x10 4p direct	PBFQ8012	1STQ006159B0000			1/1

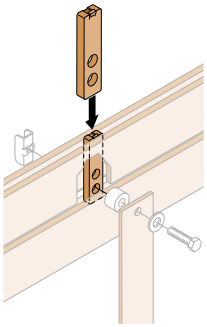


Direct connections

Section	N. poles	External dimensions	Delivered in kit		Delivered assembled		Package/ No. pcs
(mm)		D (mm)	Type	Order code	Type	Order code	
60x10	3	600	PBCC0001	1STQ006164B0000			1/3
	3	800/1000	PBCC0002	1STQ006165B0000			1/3
	4	600	PBCC0005	1STQ006168B0000			1/4
	4	800/1000	PBCC0007	1STQ006170B0000			1/4
80x10	3	600	PBCC0003	1STQ006166B0000			1/3
	3	800/1000	PBCC0004	1STQ006167B0000			1/3
	4	600	PBCC0006	1STQ006169B0000			1/4
	4	800/1000	PBCC0008	1STQ006171B0000			1/4

XLine horizontal 50mm

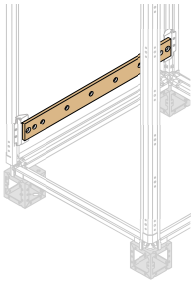
Order codes - Components



Copper compensators

To select in case of 4 or 6 bars per phase according to the rating and number of phases.

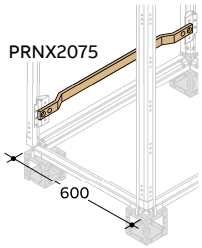
In (A)	No. of poles	Depth	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Copper compensator							
1600A	3	500/ 700/900	PCMP0013	1STQ003698B0000			1/3
2000A	4		PCMP0014	1STQ003699B0000			1/4



N/PE main busbars

External dimensions W (mm)	Section (mm)	MBB rating In	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
400	1x60x10	2000A	PBNX2040	1STQ007591B0000			1/1
500			PBNX2050	1STQ007598B0000			1/1
700			PBNX2070	1STQ006208B0000			1/1
750			PBNX2075	1STQ007543B0000			1/1
For structure D=600mm							
750	1x60x10	1000A	PRNX2075	1STQ007827B0000			1/1

This code to be order only width 750mm.



Neutral connections

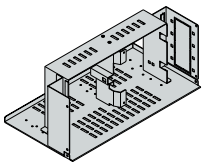
External dimensions D (mm)	Bars section (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Connection N-N to separated N in external cable bompartment						
600	60x10	PBNE6060	1STQ004658B0000			1/1
	80x10	PBNE6080	1STQ004659B0000			1/1
800	60x10	PBNE8060	1STQ004663B0000			1/1
	80x10	PBNE8080	1STQ004664B0000			1/1
Busbar N 100% for external cable container						
	60x10	PBNE6016	1STQ007867B0000			1/1
	80x10	PBNE8016	1STQ007868B0000			1/1

PE main busbars for internal cable compartment

External dimensions D (mm)	Bars section (mm)	Rating (A)	Delivered in kit Type	Delivered in kit Order code	Package/ No. pcs
PE busbar					
600	30x10		PBCE3060	1STQ007864B0000	1/2
800	30x10		PBCE3080	1STQ007865B0000	1/2
1000	30x10		PBCE3013	1STQ007866B0000	1/2

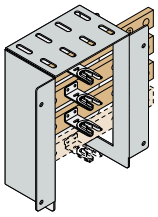
XLine horizontal 50mm

Order codes - Components



Breaker kit

Circuit-breakers	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
XT5 MOE 400 A 3P	PMXT5430	1STQ007642B0000			1/1
XT5 MOE 400 A 4P	PMXT5440	1STQ007643B0000			1/1
XT5 MOE 630 A 3P	PMXT5630	1STQ007644B0000			1/1
XT5 MOE 630 A 4P	PMXT5640	1STQ007645B0000			1/1
XT5 400 A 3P	PKXT5430	1STQ005720B0000			1/1
XT5 400 A 4P	PXKT5440	1STQ005721B0000			1/1
XT5 630 A 3P	PFXT5630	1STQ005722B0000			1/1
XT5 630 A 4P	PFXT5640	1STQ005723B0000			1/1
XT2 3P	PFXT2030	1STQ005716B0000			1/1
XT2 4P	PFXT2040	1STQ005717B0000			1/1
XT2 MOE 3P	PMXT2030	1STQ007638B0000			1/1
XT2 MOE 4P	PMXT2040	1STQ007639B0000			1/1
XT4 3P	PFXT4030	1STQ005718B0000			1/1
XT4 4P	PFXT4040	1STQ005719B0000			1/1
XT4 MOE 3P	PMXT4030	1STQ007640B0000			1/1
XT4 MOE 4P	PMXT4040	1STQ007641B0000			1/1



Plug-in outgoings

To be ordered only in WWD execution.

Circuit-breakers	No. poles	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
XT2	3P	PCPF2030	1STQ005747B0000			1/1
	4P	PCPF2040	1STQ005748B0000			1/1
XT2 MOE	3P	PCPM2030	1STQ007646B0000			1/1
	4P	PCPM2040	1STQ007647B0000			1/1
XT4	3P	PCPF4030	1STQ005749B0000			1/1
	4P	PCPF4040	1STQ005750B0000			1/1
XT4 MOE	3P	PCPM4030	1STQ007648B0000			1/1
	4P	PCPM4040	1STQ007649B0000			1/1
XT5 400A	3P	PCPF5430	1STQ005751B0000			1/1
	4P	PCPF5440	1STQ005752B0000			1/1
XT5 630A	3P	PCPF5430	1STQ005751B0000			1/1
	4P	PCPF5440	1STQ005752B0000			1/1
XT5 MOE 400A	3P	PCPM5430	1STQ007650B0000			1/1
	4P	PCPM5440	1STQ007651B0000			1/1
XT5 MOE 630A	3P	PCPM5430	1STQ007650B0000			1/1
	4P	PCPM5440	1STQ007651B0000			1/1

Outgoing lexan cover

Circuit-breakers	No.poles	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
XT2	3P	PPXL0230	1STQ008168B0000			1/1
XT2	4P	PPXL0240	1STQ008169B0000			1/1
XT4	3P	PPXL0430	1STQ008170B0000			1/1
XT4	4P	PPXL0440	1STQ008171B0000			1/1
XT5	3/4P	PPXL0534	1STQ008172B0000			1/1

To be ordered only if the cassette is incoming on distribution busbar.

Outgoing horizontal segregation

Description	Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
Outgoings horizontal segregation	PSXX0600	1STQ006045B0000			1/1

XLine horizontal 50mm

Order codes - Components

Circuit-breaker panel

		Delivered assembled		Delivered in kit		
Circuit-breakers	**No. poles**	**Type**	**Order code**	**Type**	**Order code**	**Pkg/ No. pcs**
Panel without instrument						
XT2 F	3P	PWAP2030	1STQ005732B0000			1/1
XT2 F	4P	PWAP2040	1STQ005733B0000			1/1
XT4 F	3P	PWAP4030	1STQ005734B0000			1/1
XT4 F	4P	PWAP4040	1STQ005735B0000			1/1
XT5 F	3P	PWAP5030	1STQ005736B0000			1/1
XT5 F	4P	PWAP5040	1STQ005737B0000			1/1
XT2 MOE	3P	PWMP2030	1STQ005763B0000			1/1
XT2 MOE	4P	PWMP2040	1STQ005764B0000			1/1
XT4 MOE	3P	PWMP4030	1STQ005765B0000			1/1
XT4 MOE	4P	PWMP4040	1STQ005766B0000			1/1
XT5 MOE	3P	PWMP5030	1STQ005767B0000			1/1
XT5 MOE	4P	PWMP5040	1STQ005768B0000			1/1
Panel with instrument left						
XT2 F	3P	PIAP2031	1STQ007798B0000			1/1
XT2 F	4P	PIAP2041	1STQ007799B0000			1/1
XT4 F	3P	PIAP4031	1STQ007800B0000			1/1
XT4 F	4P	PIAP4041	1STQ007801B0000			1/1
XT5 F	3P	PIAP5031	1STQ007802B0000			1/1
XT5 F	4P	PIAP5041	1STQ007803B0000			1/1
XT2 MOE	3P	PIMP2031	1STQ007804B0000			1/1
XT2 MOE	4P	PIMP2041	1STQ007805B0000			1/1
XT4 MOE	3P	PIMP4031	1STQ007806B0000			1/1
XT4 MOE	4P	PIMP4041	1STQ007807B0000			1/1
XT5 MOE	3P	PIMP5031	1STQ007808B0000			1/1
XT5 MOE	4P	PIMP5041	1STQ007809B0000			1/1
Panel with instrument right						
XT2 F	3P	PIAP2030	1STQ005738B0000			1/1
XT2 F	4P	PIAP2040	1STQ005739B0000			1/1
XT4 F	3P	PIAP4030	1STQ005740B0000			1/1
XT4 F	4P	PIAP4040	1STQ005741B0000			1/1
XT5 F	3P	PIAP5030	1STQ005742B0000			1/1
XT5 F	4P	PIAP5040	1STQ005743B0000			1/1
XT2 MOE	3P	PIMP2030	1STQ005769B0000			1/1
XT2 MOE	4P	PIMP2040	1STQ005770B0000			1/1
XT4 MOE	3P	PIMP4030	1STQ005771B0000			1/1
XT4 MOE	4P	PIMP4040	1STQ005772B0000			1/1
XT5 MOE	3P	PIMP5030	1STQ005773B0000			1/1
XT5 MOE	4P	PIMP5040	1STQ005774B0000			1/1

IP 40 partial panel

	Delivered assembled		Delivered in kit		
Description	**Type**	**Order code**	**Type**	**Order code**	**Pkg/ No. pcs**
For adapter panel	PPFX2006	1STQ005710B0000			1/1

To be ordered only without external door.

XLine horizontal 50mm

Order codes - Components

Blind panels

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	H (mm)	Type	Order code	Type	Order code	No. pcs
750	50	PBAP0050	1STQ005744B0000			1/1
	100	PBAP0100	1STQ005745B0000			1/1
	200	PBAP0200	1STQ005746B0000			1/1

Spare module

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	H (mm)	Type	Order code	Type	Order code	No. pcs
750	200	PPMB2000	1STQ007818B0000			1/1
	250	PPMB2500	1STQ007819B0000			1/1
	300	PPMB3000	1STQ007820B0000			1/1

SlimLine bracket

	Delivered in kit		Delivered assembled		Package/
Description	Type	Order code	Type	Order code	No. pcs
XR00 3P 50mm	PFXR0030	1STQ007810B0000			1/1
XR1 3P 100mm	PFXR1030	1STQ007811B0000			1/1
XR1 4P 150mm	PFXR1040	1STQ007815B0000			1/1
XR2 3P 200mm	PFXR2030	1STQ007812B0000			1/1
XR2 4P 250mm	PFXR4040	1STQ007817B0000			1/1

External dimensions	Delivered in kit		Delivered assembled		Pkg/
H (mm)	Type	Order code	Type	Order code	No. pcs
1000	PFXR1000	1STQ007817B0000			1/1

Order code added for all combinations max height 1000mm.

Compensation panel

External dimensions	Delivered assembled		Delivered in kit		Pkg/
H (mm)	Type	Order code	Type	Order code	No. pcs
50	PCXR0050	1STQ007969B0000			1/1
100	PCXR0100	1STQ007970B0000			1/1
200	PCXR0200	1STQ007971B0000			1/1

Segregation SlimLine kit

			Delivered in kit		Pkg/
Description	Type	Order code	Type	Order code	No. pcs
Segregation for SlimLine	PBAP0001	1STQ006223B0000			1/1

XLine horizontal 50mm

Order codes - Components

Segregations for side cable compartment

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 panel for side cable compartment vertical side segregation					
2200	PTXS2006	1STQ005779B0000			1/2

Segregation ECC cable compartment

External dimensions W (mm)	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
400	PTVS2031	1STQ005789B0000			1/1
500	PTVS2041	1STQ005790B0000			1/1
600	PTVS2061	1STQ005791B0000			1/1

Angular segregation for cable container

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Angular segregation	PTVS2379	1STQ005776B0000			1/1

Lateral segregation for external cable container

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Lateral segregation	PTVS2479	1STQ005778B0000			1/1

Segregations for rear cable compartment

External dimensions H (mm)	W (mm) D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 panel for rear cable compartment						
2200	600	PTVS2015	1STQ003313B0000			1/2
	800	PTVS2035	1STQ003314B0000			1/2
	1000	PTVS2055	1STQ003315B0000			1/2

To be ordered only if XLine is the last section on the right of switchgear.

XLine horizontal 50mm

Order codes - External cover

Blind top

External dimensions		Delivered in kit		Delivered assembled		Pkg/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
750	600	PTBB6550	1STQ007468B0000			1/1
	800	PTBB6570	1STQ007469B0000			1/1
	1000	PTBB6590	1STQ007470B0000			1/1

Open top

External dimensions		Delivered in kit		Delivered assembled		Pkg/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
For external cable compartment						
300	500	PTBO3050	1STQ007137A0000			1/1
	700	PTBO3070	1STQ007138A0000			1/1
	900	PTBO3090	1STQ007139A0000			1/1
400	500	PTBO4050	1STQ007142A0000			1/1
	700	PTBO4070	1STQ007143A0000			1/1
	900	PTBO4090	1STQ007144A0000			1/1
600	500	PTBO6050	1STQ007149A0000			1/1
	700	PTBO6070	1STQ007150A0000			1/1
	900	PTBO6090	1STQ007151A0000			1/1

Elevated top - without gasket

Elevated top without gasket. To favor heat dissipation inside the column.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
For structure						
750	1000	PKTE6510	1STQ007474B0000			1/1
For external cable compartment						
500	1000	PKTE4010	1STQ004172B0000			1/1
600		PKTE5010	1STQ004173B0000			1/1
700		PKTE7010	1STQ007486B0000			1/1

XLine horizontal 50mm

Order codes - External cover

Vented top - without gasket

Vented top without gasket. To favor heat dissipation inside the column.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
For structure						
750	600	PKTA6560	1STQ007475B0000			1/1
	800	PKTA6580	1STQ007476B0000			1/1
	1000	PKTA6510	1STQ007477B0000			1/1
For external cable compartment						
400	600	PKTA4060	1STQ007487B0000			1/1
	800	PKTA4080	1STQ007488B0000			1/1
	1000	PKTA4010				1/1
500	600	PKTA5060	1STQ007490B0000			1/1
	800	PKTA5080	1STQ007491B0000			1/1
	1000	PKTA5010				1/1
700	600	PKTA6060	1STQ007493B0000			1/1
	800	PKTA6080	1STQ007494B0000			1/1
	1000	PKTA6010	1STQ007495B0000			1/1

Internal blind bottom without plinth

External dimensions		Delivered in kit		Delivered assembled		Pkg/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
IP 40 Blind						
750	600	PBWP6550				1/1
	800	PBWP6570				1/1
	1000	PBWP6590				1/1
IP 30 Aerated						
700	600	PTBX6550				1/1
	800	PTBX6570				1/1
	1000	PTBX6590				1/1

Internal blind bottom without plinth for external cable compartment

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Internal top/bottom						
400	600	PBWP3051	1STQ004147B0000			1/1
	800	PBWP3071	1STQ004148B0000			1/1
	1000	PBWP3091	1STQ004149B0000			1/1
500	600	PBWP4051	1STQ004150B0000			1/1
	800	PBWP4071	1STQ004151B0000			1/1
	1000	PBWP4091	1STQ004152B0000			1/1
700	600	PBWP6051				1/1
	800	PBWP6071				1/1
	1000	PBWP6091				1/1

XLine horizontal 50mm

Order codes - External cover

Fixed incoming cable flange for external cable compartment

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
400	600	PFCF3050	1STQ007660A0000			1/1
	800	PFCF3070	1STQ007661A0000			1/1
	1000	PFCF3090	1STQ007662A0000			1/1
500	600	PFCF4050	1STQ007665A0000			1/1
	800	PFCF4070	1STQ007666A0000			1/1
	1000	PFCF4090	1STQ007667A0000			1/1
700	1000	PFCF6090	1STQ007674A0000			1/1

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
	600	PFCF6050	1STQ007672A0000			1/1
	800	PFCF6070	1STQ007673A0000			1/1

Bottom panel for flanges

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
IP30 Aerated						
500	600	PBWP4056	1STQ007852B0000			1/1
	800	PBWP4076	1STQ007853B0000			1/1
	1000	PBWP4096	1STQ007854B0000			1/1
400	600	PBWP3051	1STQ004147B0000			1/1
	800	PBWP3071	1STQ004148B0000			1/1
	1000	PBWP3091	1STQ004149B0000			1/1
700	600	PBWP6056	1STQ007855B0000			1/1
	800	PBWP6076	1STQ007856B0000			1/1
	1000	PBWP6096	1STQ007857B0000			1/1
IP40 Blind						
500	600	PBWP4055	1STQ007846B0000			1/1
	800	PBWP4075	1STQ007847B0000			1/1
	1000	PBWP4095	1STQ007848B0000			1/1
400	600	PBWP3054				1/1
	800	PBWP3074				1/1
	1000	PBWP3094				1/1
700	600	PBWP6055	1STQ007849B0000			1/1
	800	PBWP6075	1STQ007850B0000			1/1
	1000	PBWP6095	1STQ007851B0000			1/1

W = 500mm cut out 345x180mm
W = 700mm cut out 450x180mm

XLine horizontal 50mm

Order codes - External cover

Aerated top plate

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
IP30						
500	600	PTBO4052	1STQ007840B0000			1/1
	800	PTBO4072	1STQ007841B0000			1/1
	1000	PTBO4092	1STQ007842B0000			1/1
700	600	PTBO6052	1STQ007843B0000			1/1
	800	PTBO6072	1STQ007844B0000			1/1
	1000	PTBO6092	1STQ007845B0000			1/1
IP40						
500	600	PTBO4051	1STQ007831B0000			1/1
	800	PTBO4071	1STQ007832B0000			1/1
	1000	PTBO4091	1STQ007833B0000			1/1
700	600	PTBO6051	1STQ007834B0000			1/1
	800	PTBO6071	1STQ007835B0000			1/1
	1000	PTBO6091	1STQ007836B0000			1/1

Blind Top/Bottom IP40 – Pickled sheet steel

Pickled sheet steel without gasket. The article comprises one single component that can be used as either a top or bottom. In order to purchase both the top and the bottom, please order two quantities of the same code or two different top/bottom codes according to the desired design of the structure. The code includes four M12x20 screws.

External dimensions		Delivered assembled		Delivered in kit		Pkg/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind Top/Bottom IP40						
400	600	PTBB3050	1STQ007109A0000			1/1
	800	PTBB3070	1STQ007110A0000			1/1
	1000	PTBB3090	1STQ007111A0000			1/1
500	600	PTBB4050	1STQ007114A0000			1/1
	800	PTBB4070	1STQ007115A0000			1/1
	1000	PTBB4090	1STQ007116A0000			1/1
700	600	PTBB6050	1STQ007119A0000			1/1
	800	PTBB6070	1STQ007120A0000			1/1
	1000	PTBB6090	1STQ007121A0000			1/1

XLine horizontal 50mm

Order codes - External cover

Frame for external total door

External dimensions (mm) H	W	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
For structure						
2200	750	PEFD0650	1STQ007482B0000			1/1
For external cable compartment						
2000	400	PEFD0400	1STQ005695B0000			1/1
	500	PEFD0501	1STQ005698B0000			1/1
	700	PFFX2066	1STQ005711B0000			1/1

External aerated rear panel

External dimensions H (mm)	W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
For structure						
2200	750	PPEA2065	1STQ007478B0000			1/1
For external cable compartment						
2200	400	PPEA2031	1STQ003529B0000			1/1
	500	PPEA2041	1STQ003530B0000			1/1
	700	PPEA2016	1STQ005707B0000			1/1

XLine horizontal 50mm

Order codes - SlimLine switch disconnector fuse

Blind door without handle

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
For structure						
2200	750	PDLB2065	1STQ007481B0000			1/1
For external cable compartment						
2200	400	PDLB2031	1STQ003606B0000			1/1
	500	PDLB2041	1STQ003607B0000			1/1
	700	PDLB2061				1/1

Glass door without handle

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
For structure						
2200	400	PDLG2043				1/1
	500	PDLG2053				1/1
	700	PDLG2060				1/1
	750	PDLG2065	1STQ007480B0000			1/1

External blind rear panel

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
For structure						
2200	750	PPEB2065	1STQ007479B0000			1/1
For external cable compartment						
2200	400	PPEB2036	1STQ007589A0000			1/1
	500	PPEB2046	1STQ007590A0000			1/1
	700	PPEB2066	1STQ007592A0000			1/1

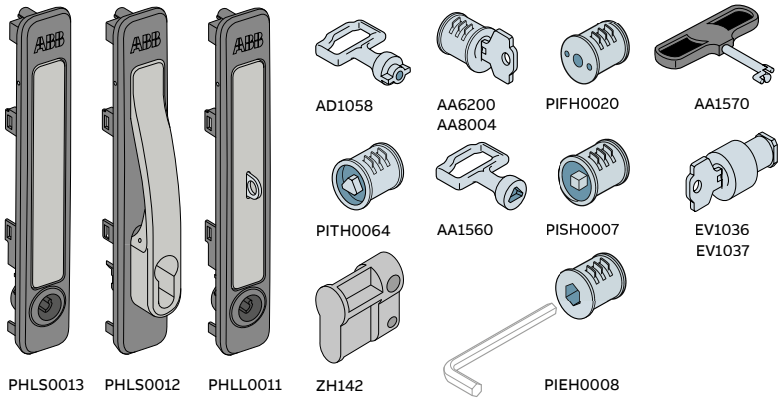
Top sealing kit IP31/IP41

Profiles for IP31/IP41 for top.

Dimensions (mm)				Delivered assembled		Pkg/
W	D	Type	Order code	Type	Order code	No. pcs
N.2 roof profiles for single column						
	600	PKST0501	1STQ001936B0000			1/1
	800	PKST0700	1STQ001911B0000			1/2
	1000	PKST0900	1STQ001914B0000			1/2
750		PKST0650	1STQ007796B0000			1/2
400		PKST0300	1STQ001907B0000			1/2
500		PKST0400	1STQ001908B0000			1/2
700		PKST0600	1STQ001910B0000			1/2
N.1 roof profile for back to back column						
750		PKDT0650	1STQ007797B0000			1/1
400		PKDT0300	1STQ001919B0000			1/1
500		PKDT0400	1STQ001920B0000			1/1
700		PKDT0600	1STQ001922B0000			1/1
N.1 roof profile for side by side column						
	600	PKDT0501	1STQ001938B0000			1/1
	800	PKDT0700	1STQ001923B0000			1/1
	1000	PKDT0900	1STQ001926B0000			1/1

XLine horizontal 50mm

Order codes - SlimLine switch disconnector fuse



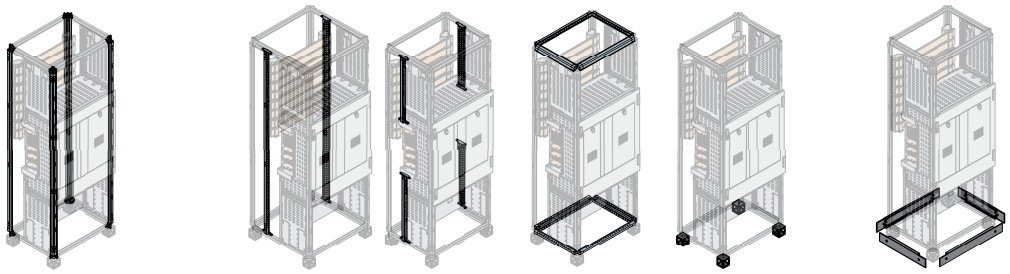
Levers and inserts

The lever is not included in the door's code, it must be always ordered in addition to the door. The inserts are interchangeable and can be easily replaced.

Description	Delivered assembled Type	Order code	Delivered in kit Type	Order code	Pkg/ No. pcs
Handle					
Lever handle [1]	PHLS0013	1STQ002334B0000			1/1
Lever semicylinder inserts (40mm)	PHLS0012	1STQ002283B0000			1/1
Padlockable lever handle [2]	PHLS0011	1STQ002282B0000			1/1
Inserts and keys that can be fitted into PHLS0013, PHLS0011					
Yale insert+key for external door, single door version	AA6200	1STQ009135A0000			1/1
E739 ronis insert+key for external door, single door version	AA8004	1STQ009136A0000			1/1
FIAT type insert for lever handle	PIFH0020	1STQ008122A0000			1/1
FIAT key	AA1570	1STQ009137A0000			1/1
6.4 triangular male insert on Ø 7.6 for external door, single door version	PITH0064	1STQ008119A0000			1/1
Key for triangular insert	AA1560	1STQ009138A0000			1/1
7 square male insert for external door, single door version	PISH0007	1STQ008120A0000			1/1
Insert 8mm hex socket type for standard handle (Key not available)	PIEH0008	1STQ008121A0000			1/1
Double tab insert for closing handle/box (spare) [3]	PIDH0010	1STQ008118A0000			1/1
Key zama for double tab insert (spare) [4]	AD1058	1STQ009134A0000			1/1
Ronis 405 insert and key for standard handle	PIRH0405	1STQ008123A0000			1/1
Ronis insert 2432 and key for standard handle	PIRH2432	1STQ002030B0000			1/1
Ronis 455 insert and key for standard handle	PIRH0455	1STQ008124A0000			1/1
Ronis 1242 insert and key for standard handle	PIRH1242	1STQ008125A0000			1/1
Insert that can be fitted into PHLS0012					
Dummy insert (instead of a semi-cylinder)	ZH142	2CPX060502R9999			1/1

[1] The lever can be operated only using the key. With 3 mm double bit insert included.
[2] For padlok up to 8 mm diameter. With 3 mm double bit insert included.
[3] This insert is the one already included in PHLS0013 and PHLS0011.
[4] This key is the one already included in PHLS0013 and PHLS0011.

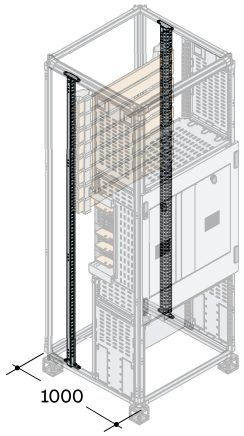
XLine vertical 185mm
Quick selection guide

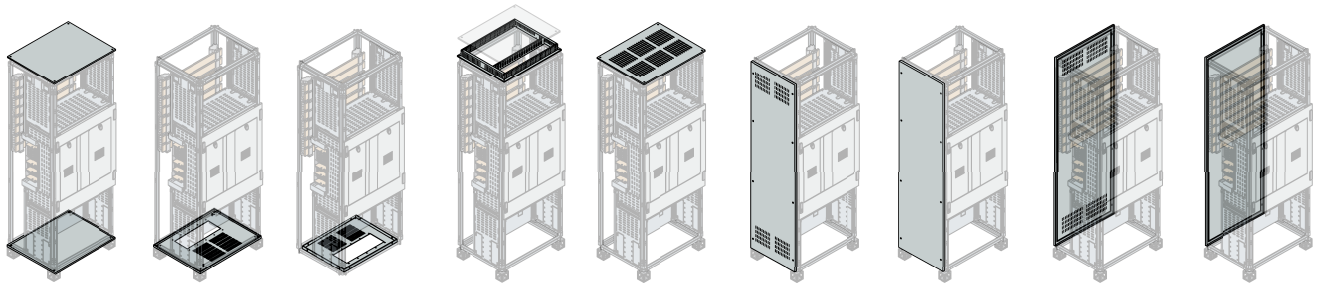


FRAME														
Functional dimensions			External dimensions			Uprights		Intermediate uprights for internal mounting busbars*		Structure crosspieces Galvanized sheet metal		H=100mm plinth	Plinth flanges	
H (mm)	W (mm)	D (mm)	H (mm)	W (mm)	D (mm)	Galvanized sheet metal	Stainless Steel	Galvanized sheet metal	Stainless Steel	Front/Rear	Side	Angle pieces	Front/Rear	Side
		500			600						PCFM0500			PPFM1050
	500	700		600	800					PCFM0500	PCFM0700	PPAM0100	PPFM1050	PPFM1070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090
		500			600						PCFM0500			PPFM1050
2000	700	700	2200	800	800	PUPM2001	PUPS2001			PCFM0700	PCFM0700	PPAM0100	PPFM1070	PPFM1070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090
		500			600						PCFM0500			PPFM1050
	900	700		1000	800					PCFM0900	PCFM0700	PPAM0100	PPFM1090	PPFM1070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090

—

* For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

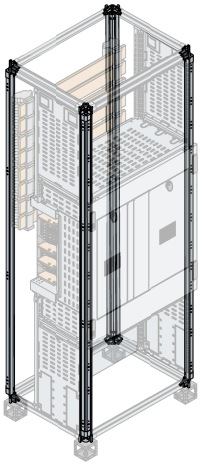




EXTERNAL COVER

Top/bottom external panel	Internal top/bottom	Internal open bottom	Elevated top	Aerated top	Side Panel		Rear Panel	
			D=1000mm	D=1000mm	Areated	Blind	(Areated)	Blind
PTBB5057	PTBB5051	PBWP5051			PPEA2051	PPEB2056		
PTBB5070	PTBB5071	PBWP5071			PPEA2071	PPEB2076	PPEA2051	PPEB2056
PTBB5090	PTBB5091	PBWP5091	PKTE6010	PKTA6010	PPEA2091	PPEB2096		
PTBB5070	PTBB7051	PBWP1170			PPEA2051	PPEB2056		
PTBB7072	PTBB7071	PBWP7071			PPEA2071	PPEB2076	PPEA2071	PPEB2076
PTBB7092	PTBB7091	PBWP7091	PKTE8010	PKTA8010	PPEA2091	PPEB2096		
PTBB5090	PTBB9051	PBWP1150			PPEA2051	PPEB2056		
PTBB9070	PTBB9071	PBWP9071			PPEA2071	PPEB2076	PPEA2091	PPEB2096
PTBB9092	PTBB9091	PBWP9091	PKTE1010	PKTA1010	PPEA2091	PPEB2096		

XLine vertical 185mm
Order codes - Frame



Uprights – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.4 galvanized sheet metal uprights					
2200	PUPM2001	1STQ003353B0000	PUPM2001A	1STQ002875M0000	1/4

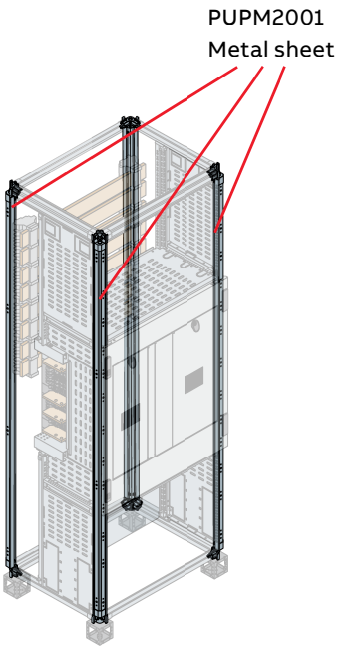
Uprights – Stainless steel

The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In >4000A.

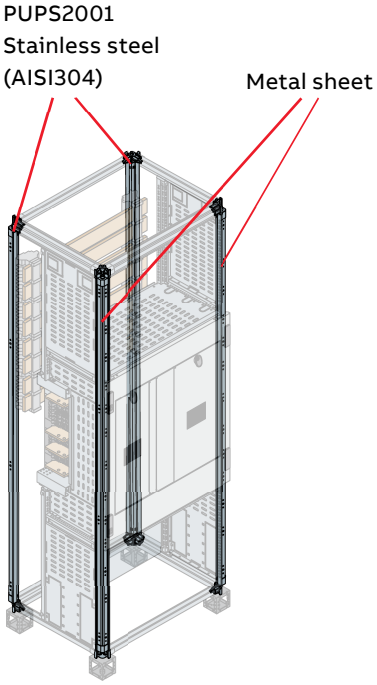
External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.2 stainless steel uprights and no.2 galvanized sheet metal uprights					
2200	PUPS2001	1STQ003354B0000	PUPS2001A	1STQ002878M0000	1/4

Examples of use

Galvanized sheet metal In ≤4000A

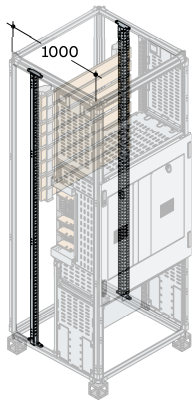


Uprights for enclosure In>4000A



XLine vertical 185mm

Order codes - Frame



Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 galvanized sheet metal upright					
2200	PUPM2011	1STQ003355B0000	PUPM2011A	1STQ002877M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

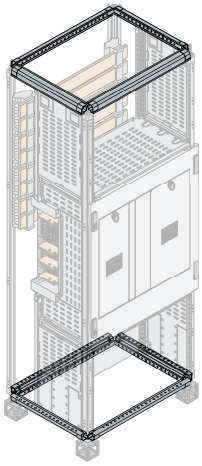
Intermediate upright for internal mounting kits and busbars – Stainless steel

Upright formed by a closed profile made of stainless steel. For applications with In >4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 stainless steel metal upright					
2200	PUPS2011	1STQ003703B0000	PUPS2011A	1STQ002879M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



Structure crosspieces – Galvanized sheel metal

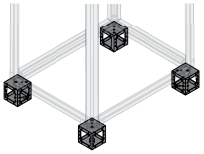
Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 width crosspieces						
600		PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
800		PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
1000		PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4
No.4 depth crosspieces						
	600	PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
	800	PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
	1000	PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4

XLine vertical 185mm

Order codes - Frame

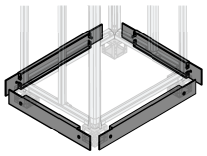
PPAM0100



Universal angle pieces for plinths in galvanized sheet metal

Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

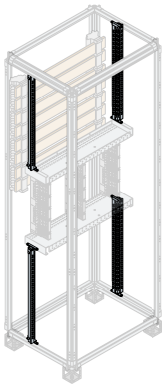
External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000	PPAM0100A	1STQ002406M0000	1/4



Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 front/rear plinth flanges						
600		PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
800		PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
1000		PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2
No.2 side plinth flanges						
	600	PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
	800	PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
	1000	PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2

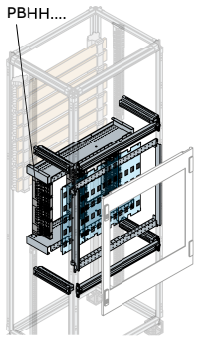


Intermediate uprights H=550mm in galvanized sheet metal to support the mounting kit

Dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 galvanized sheet metal uprights					
550	PUPM0550	1STQ003758B0000	PUPM0550A	1STQ002873M0000	1/4

XLine vertical 185mm

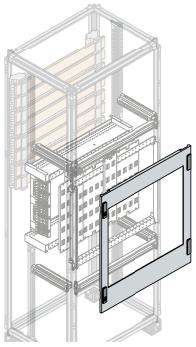
Order codes - Components



Mounting kit

The kit is composed by no.2 side shelves + lexan segregations + no.2 crosspieces.

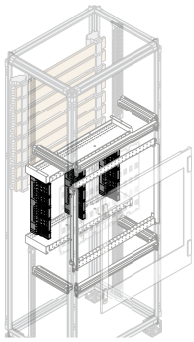
Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Mounting kit						
900	600	PKNL9060	1STQ003857B0000	PUPM0550A	1STQ002873M0000	1/1
900	800	PKNL9080	1STQ003858B0000	PKNL9060A	1STQ002384M0000	1/1
900	1000	PKNL9010	1STQ003859B0000	PKNL9010A	1STQ002383M0000	1/1



Door mounting kit

The kit is composed by no.1 front panel and fixing accessories.

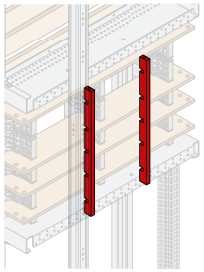
Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Door mounting kit						
900	600	PKNL9061	1STQ006153B0000	PKNL9061A	1STQ003394M0000	1/1
900	800	PKNL9081	1STQ006154B0000	PKNL9081A	1STQ003395M0000	1/1
900	1000	PKNL9011	1STQ006155B0000	PKNL9011A	1STQ003396M0000	1/1



Busbar holders kit

For W=600mm order two pieces; for W=800 and W1000mm three pieces.

No. of	Delivered in kit		Delivered assembled		Package/
poles	Type	Order code	Type	Order code	No. pcs
Busbar holders kit with crosspiece					
3P	PBHH0603	1STQ003731B0000	PBHH0603A	1STQ001353M0000	1/1
4P	PBHH0604	1STQ003732B0000	PBHH0604A	1STQ001354M0000	1/1



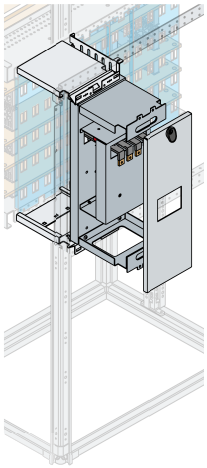
Bars insulators for intermediate fixing

For W=600mm order three pieces; for W=800 and W1000mm four pieces.

Bars	Delivered in kit		Delivered assembled		Package/
section	Type	Order code	Type	Order code	No. pcs
N.1 bars insulators					
60/80/100/120x10mm	PBI00002	1STQ003733B0000	PBI00002A	1STQ001357M0000	1/1

XLine vertical 185mm

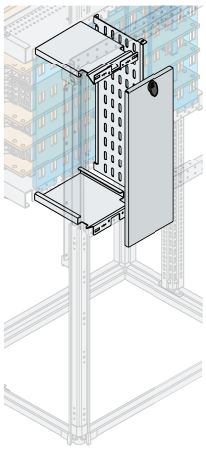
Order codes - Components



Breaker kit

The kit is composed by no.2 side shelf + support plate + back plate + front panel with cutout+ copper connections.

Dimensions W (mm)	Breaker type	No.of poles	Fixed/Motor	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Breaker kit								
150	XT1	3	Fixed	PPVB1501	1STQ003273B0000	PPVB1501A	1STQ002478M0000	1/1
150	XT1	4	Fixed	PPVB2006	1STQ004669B0000	PPVB2006A	1STQ002486M0000	1/1
150	XT2	3	Fixed	PPVB1502	1STQ003274B0000	PPVB1502A	1STQ002479M0000	1/1
200	XT2	4	Fixed	PPVB2002	1STQ003275B0000	PPVB2002A	1STQ002482M0000	1/1
150	XT3	3	Fixed	PPVB1503	1STQ003276B0000	PPVB1503A	1STQ002480M0000	1/1
200	XT3	4	Fixed	PPVB2003	1STQ003277B0000	PPVB2003A	1STQ002483M0000	1/1
150	XT4	3	Fixed	PPVB1504	1STQ003278B0000	PPVB1504A	1STQ002481M0000	1/1
200	XT4	4	Fixed	PPVB2004	1STQ003279B0000	PPVB2004A	1STQ002484M0000	1/1
200	T5	3	Fixed	PPVB2005	1STQ003280B0000	PPVB2005A	1STQ002485M0000	1/1
250	T5	4	Fixed	PPVB2505	1STQ003281B0000	PPVB2505A	1STQ002487M0000	1/1
300	T6	3	Fixed	PPVB3006	1STQ003282B0000	PPVB3006A	1STQ002488M0000	1/1
350	T6	4	Fixed	PPVB3506	1STQ003283B0000	PPVB3506A	1STQ002489M0000	1/1
150	XT1	3	Motor	PPVX1501	1STQ003297B0000	PPVX1501A	1STQ002509M0000	1/1
150	XT1	4	Motor	PPVX2006	1STQ004670B0000	PPVX2006A	1STQ002517M0000	1/1
150	XT2	3	Motor	PPVX1502	1STQ003298B0000	PPVX1502A	1STQ002510M0000	1/1
200	XT2	4	Motor	PPVX2002	1STQ003299B0000	PPVX2002A	1STQ002513M0000	1/1
150	XT3	3	Motor	PPVX1503	1STQ003300B0000	PPVX1503A	1STQ002511M0000	1/1
200	XT3	4	Motor	PPVX2003	1STQ003301B0000	PPVX2003A	1STQ002514M0000	1/1
150	XT4	3	Motor	PPVX1504	1STQ003302B0000	PPVX1504A	1STQ002512M0000	1/1
200	XT4	4	Motor	PPVX2004	1STQ003303B0000	PPVX2004A	1STQ002515M0000	1/1
200	T5	3	Motor	PPVX2005	1STQ003304B0000	PPVX2005A	1STQ002516M0000	1/1
250	T5	4	Motor	PPVX2505	1STQ003305B0000	PPVX2505A	1STQ002518M0000	1/1
300	T6	3	Motor	PPVX3006	1STQ003306B0000	PPVX3006A	1STQ002519M0000	1/1
350	T6	4	Motor	PPVX3506	1STQ003307B0000	PPVX3506A	1STQ002520M0000	1/1



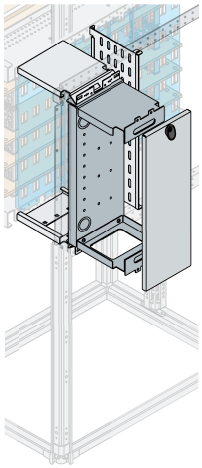
Kit for blind compartment

The kit is composed by no.2 side shelf + support plate + back plate + front plate Blind.

Dimensions W (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
Kit for blind compartment					
150	PPMB1501	1STQ003308B0000	PPMB1501A	1STQ002440M0000	1/1
200	PPMB2002	1STQ003309B0000	PPMB2002A	1STQ002443M0000	1/1
250	PPMB2501	1STQ003310B0000	PPMB2501A	1STQ002448M0000	1/1
300	PPMB3001	1STQ003311B0000	PPMB3001A	1STQ002453M0000	1/1
350	PPMB3501	1STQ003312B0000	PPMB3501A	1STQ002459M0000	1/1

XLine vertical 185mm

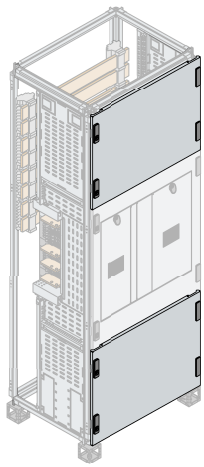
Order codes - Components



Spare kit for blind compartment

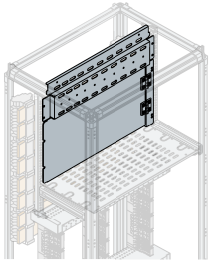
Kit composed by blind plate, copper connection, blind panel to install generic devices.

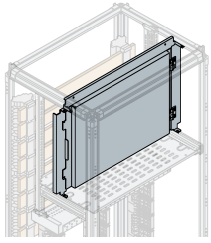
Dimensions		No.of	Delivered in kit		Delivered assembled		Package/
W (mm)	In (A)	poles	Type	Order code	Type	Order code	No. pcs
No.1 spare kit							
150	160	3	PPMB1503	1STQ004783B0000	PPMB1503A	1STQ002441M0000	1/1
		4	PPMB1504	1STQ004784B0000	PPMB1504A	1STQ002442M0000	1/1
200	160/250	3	PPMB2013	1STQ004785B0000	PPMB2013A	1STQ002444M0000	1/1
		4	PPMB2014	1STQ004786B0000	PPMB2014A	1STQ002445M0000	1/1
	400	3	PPMB2043	1STQ004787B0000	PPMB2043A	1STQ002446M0000	1/1
		4	PPMB2044	1STQ004788B0000	PPMB2044A	1STQ002447M0000	1/1
250	160/250	3	PPMB2503	1STQ004789B0000	PPMB2503A	1STQ002449M0000	1/1
		4	PPMB2504	1STQ004790B0000	PPMB2504A	1STQ002450M0000	1/1
	400	3	PPMB2543	1STQ004791B0000	PPMB2543A	1STQ002451M0000	1/1
		4	PPMB2544	1STQ004792B0000	PPMB2544A	1STQ002452M0000	1/1
300	160/250	3	PPMB3003	1STQ004793B0000	PPMB3003A	1STQ002454M0000	1/1
		4	PPMB3004	1STQ004794B0000	PPMB3004A	1STQ002455M0000	1/1
	400	3	PPMB3043	1STQ004795B0000	PPMB3043A	1STQ002456M0000	1/1
		4	PPMB3044	1STQ004796B0000	PPMB3044A	1STQ002457M0000	1/1
	630	3	PPMB3063	1STQ004801B0000	PPMB3063A	1STQ002458M0000	1/1
350	160/250	3	PPMB3503	1STQ004797B0000	PPMB3503A	1STQ002460M0000	1/1
		4	PPMB3504	1STQ004798B0000	PPMB3504A	1STQ002461M0000	1/1
	400	3	PPMB3543	1STQ004799B0000	PPMB3543A	1STQ002462M0000	1/1
		4	PPMB3544	1STQ004800B0000	PPMB3544A	1STQ002463M0000	1/1
	630	4	PPMB3564	1STQ004802B0000	PPMB3564A	1STQ002464M0000	1/1



Panels to cover top/bottom compartment

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Blind front panel for top/bottom compartment						
550	600	PPNT0950	1STQ003730B0000	PPNT0950A	1STQ002474M0000	1/1
550	800	PPNT0912	1STQ003676B0000	PPNT0912A	1STQ002473M0000	1/1
550	1000	PPNT0910	1STQ003674B0000	PPNT0910A	1STQ002472M0000	1/1





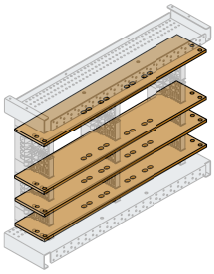
Top/bottom compartment: fixed and adjustable position rear shelves

They can be mounted in the top/bottom compartment if cable connections and N/PE bars are not present.

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Fixed rear shelf						
550	600	PSVF5560	1STQ005244B0000	PSVF5560A	1STQ002660M0000	1/1
550	800	PSVF5580	1STQ005245B0000	PSVF5580A	1STQ002661M0000	1/1
550	1000	PSVF5510	1STQ005246B0000	PSVF5510A	1STQ002659M0000	1/1
Adjustable rear shelf (mandatory for trunking system)						
550	600	PSVH5560	1STQ005247B0000	PSVH5560A	1STQ002675M0000	1/1
550	800	PSVH5580	1STQ005248B0000	PSVH5580A	1STQ002676M0000	1/1
550	1000	PSVH5510	1STQ005249B0000	PSVH5510A	1STQ002674M0000	1/1

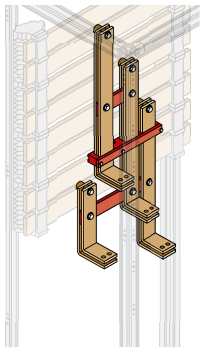
XLine vertical 185mm

Order codes - Components

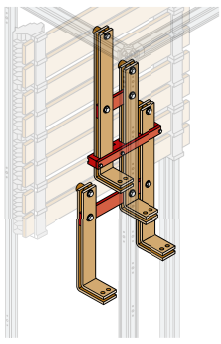


Distribution busbars

Width (mm)	Busbar section (mm)	Rating (A)	No. of poles	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
No.3 distribution busbars								
600	60x10	1250	3	PBFC6060	1STQ003759B0000	PBFC6060A	1STQ001327M0000	1/3
	80x10	1600	3	PBFC6080	1STQ003760B0000	PBFC6080A	1STQ001328M0000	1/3
	100x10	2000	3	PBFC6110	1STQ003761B0000	PBFC6110A	1STQ001329M0000	1/3
	120x10	2200	3	PBFC6012	1STQ003762B0000	PBFC6012A	1STQ001326M0000	1/3
800	60x10	1250	3	PBFC8060	1STQ003767B0000	PBFC8060A	1STQ001332M0000	1/3
	80x10	1600	3	PBFC8080	1STQ003768B0000	PBFC8080A	1STQ001333M0000	1/3
	100x10	2000	3	PBFC8110	1STQ003769B0000	PBFC8110A	1STQ001334M0000	1/3
	120x10	2200	3	PBFC8012	1STQ003770B0000	PBFC8012A	1STQ001331M0000	1/3
1000	60x10	1250	3	PBFC1060	1STQ003775B0000	PBFC1060A	1STQ001321M0000	1/3
	80x10	1600	3	PBFC1080	1STQ003776B0000	PBFC1080A	1STQ001322M0000	1/3
	100x10	2000	3	PBFC1110	1STQ003777B0000	PBFC1110A	1STQ001323M0000	1/3
	120x10	2200	3	PBFC1012	1STQ003778B0000	PBFC1012A	1STQ001320M0000	1/3
No.3 distribution + no.1 neutral busbars								
600	60x10	1250	4	PBFQ6061	1STQ003763B0000	PBFQ6061A	1STQ001344M0000	1/4
	80x10	1600	4	PBFQ6081	1STQ003764B0000	PBFQ6081A	1STQ001345M0000	1/4
	100x10	2000	4	PBFQ6011	1STQ003765B0000	PBFQ6011A	1STQ001342M0000	1/4
	120x10	2200	4	PBFQ6013	1STQ003766B0000	PBFQ6013A	1STQ001343M0000	1/4
800	60x10	1250	4	PBFQ8061	1STQ003771B0000	PBFQ8061A	1STQ001349M0000	1/4
	80x10	1600	4	PBFQ8081	1STQ003772B0000	PBFQ8081A	1STQ001350M0000	1/4
	100x10	2000	4	PBFQ8011	1STQ003773B0000	PBFQ8011A	1STQ001347M0000	1/4
	120x10	2200	4	PBFQ8013	1STQ003774B0000	PBFQ8013A	1STQ001348M0000	1/4
1000	60x10	1250	4	PBFQ1061	1STQ003779B0000	PBFQ1061A	1STQ001338M0000	1/4
	80x10	1600	4	PBFQ1081	1STQ003780B0000	PBFQ1081A	1STQ001339M0000	1/4
	100x10	2000	4	PBFQ1011	1STQ003781B0000	PBFQ1011A	1STQ001336M0000	1/4
	120x10	2200	4	PBFQ1013	1STQ003782B0000	PBFQ1013A	1STQ001337M0000	1/4



For top connections



For bottom connections

Bars connections

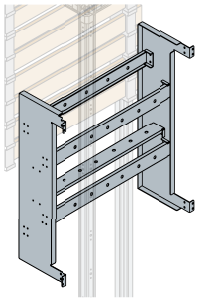
Depth (mm)	Busbar section (mm)	No. of poles	Neutral position	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Bars connections								
600	60x10	3		PFCB6060	1STQ003734B0000	PFCB6060A	1STQ001857M0000	1/1
800/1000	60x10	3		PFCB6080	1STQ003735B0000	PFCB6080A	1STQ001861M0000	1/1
600	80x10	3		PFCB8060	1STQ003736B0000	PFCB8060A	1STQ001873M0000	1/1
800/1000	80x10	3		PFCB8080	1STQ003737B0000	PFCB8080A	1STQ001877M0000	1/1
600	100x10	3		PFCB1060	1STQ003738B0000	PFCB1060A	1STQ001826M0000	1/1
800/1000	100x10	3		PFCB1080	1STQ003739B0000	PFCB1080A	1STQ001830M0000	1/1
600	120x10	3		PFCB1260	1STQ003740B0000	PFCB1260A	1STQ001842M0000	1/1
800/1000	120x10	3		PFCB1280	1STQ003741B0000	PFCB1280A	1STQ001846M0000	1/1
600	60x10	4	top	PFCB6062	1STQ003742B0000	PFCB6062A	1STQ001859M0000	1/1
800/1000	60x10	4	top	PFCB6082	1STQ003743B0000	PFCB6082A	1STQ001863M0000	1/1
600	80x10	4	top	PFCB8062	1STQ003744B0000	PFCB8062A	1STQ001875M0000	1/1
800/1000	80x10	4	top	PFCB8082	1STQ003745B0000	PFCB8082A	1STQ001879M0000	1/1
600	100x10	4	top	PFCB1062	1STQ003746B0000	PFCB1062A	1STQ001828M0000	1/1
800/1000	100x10	4	top	PFCB1082	1STQ003747B0000	PFCB1082A	1STQ001832M0000	1/1
600	120x10	4	top	PFCB1262	1STQ003748B0000	PFCB1262A	1STQ001844M0000	1/1
800/1000	120x10	4	top	PFCB1282	1STQ003749B0000	PFCB1282A	1STQ001848M0000	1/1
600	60x10	4	bottom	PFCB6063	1STQ003750B0000	PFCB6063A	1STQ001860M0000	1/1
800/1000	60x10	4	bottom	PFCB6083	1STQ003751B0000	PFCB6083A	1STQ001864M0000	1/1
600	80x10	4	bottom	PFCB8063	1STQ003752B0000	PFCB8063A	1STQ001876M0000	1/1
800/1000	80x10	4	bottom	PFCB8083	1STQ003753B0000	PFCB8083A	1STQ001880M0000	1/1
600	100x10	4	bottom	PFCB1063	1STQ003754B0000	PFCB1063A	1STQ001829M0000	1/1
800/1000	100x10	4	bottom	PFCB1083	1STQ003755B0000	PFCB1083A	1STQ001833M0000	1/1
600	120x10	4	bottom	PFCB1263	1STQ003756B0000	PFCB1263A	1STQ001845M0000	1/1
800/1000	120x10	4	bottom	PFCB1283	1STQ003757B0000	PFCB1283A	1STQ001849M0000	1/1

XLine vertical 185mm

Order codes - Components

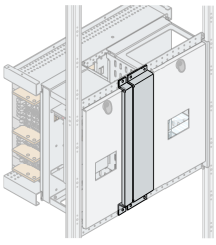
Anchoring kit for bars connections without copper

Depth (mm)	Busbar section (mm)	No. of poles	Neutral position	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Anchoring kit								
600	60x10	3		PANC0059	1STQ006560B0000	-	-	1/1
800/1000	60x10	3		PANC0009	1STQ006507B0000	-	-	1/1
600	80x10	3		PANC0060	1STQ006561B0000	-	-	1/1
800/1000	80x10	3		PANC0010	1STQ006508B0000	-	-	1/1
600	100x10	3		PANC0061	1STQ006562B0000	-	-	1/1
800/1000	100x10	3		PANC0010	1STQ006508B0000	-	-	1/1
600	120x10	3		PANC0062	1STQ006563B0000	-	-	1/1
800/1000	120x10	3		PANC0010	1STQ006508B0000	-	-	1/1
600	60x10	4	top	PANC0059	1STQ006560B0000	-	-	1/1
800/1000	60x10	4	top	PANC0008	1STQ006506B0000	-	-	1/1
600	80x10	4	top	PANC0060	1STQ006561B0000	-	-	1/1
800/1000	80x10	4	top	PANC0033	1STQ006531B0000	-	-	1/1
600	100x10	4	top	PANC0061	1STQ006562B0000	-	-	1/1
800/1000	100x10	4	top	PANC0033	1STQ006531B0000	-	-	1/1
600	120x10	4	top	PANC0062	1STQ006563B0000	-	-	1/1
800/1000	120x10	4	top	PANC0033	1STQ006531B0000	-	-	1/1
600	60x10	4	bottom	PANC0063	1STQ006564B0000	-	-	1/1
800/1000	60x10	4	bottom	PANC0008	1STQ006506B0000	-	-	1/1
600	80x10	4	bottom	PANC0064	1STQ006565B0000	-	-	1/1
800/1000	80x10	4	bottom	PANC0033	1STQ006531B0000	-	-	1/1
600	100x10	4	bottom	PANC0065	1STQ006566B0000	-	-	1/1
800/1000	100x10	4	bottom	PANC0033	1STQ006531B0000	-	-	1/1
600	120x10	4	bottom	PANC0066	1STQ006567B0000	-	-	1/1
800/1000	120x10	4	bottom	PANC0033	1STQ006531B0000	-	-	1/1



Anchoring kit for bars connections

Depth (mm)	Width (mm)	No. of poles	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Anchoring kit 3P							
800	600	3	PKCB8060	1STQ005639B0000	PKCB8060A	1STQ002375M0000	1/1
800	800	3	PKCB8080	1STQ005640B0000	PKCB8080A	1STQ002376M0000	1/1
800	1000	3	PKCB8010	1STQ005641B0000	PKCB8010A	1STQ002374M0000	1/1
800	600	4	PKCB8161	1STQ005642B0000	PKCB8161A	1STQ002378M0000	1/1
800	800	4	PKCB8181	1STQ005643B0000	PKCB8181A	1STQ002379M0000	1/1
800	1000	4	PKCB8111	1STQ005644B0000	PKCB8111A	1STQ002377M0000	1/1



Vertical compensators (dummy modules)

To compensate empty space between breaker kits or Slimline XR.

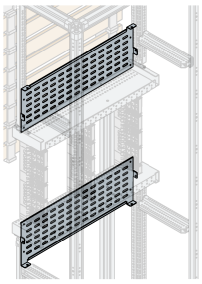
Dimensions W (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Vertical compensator					
50	PCNL0052	1STQ003724B0000	PCNL0052A	1STQ001782M0000	1/1
100	PCNL0102	1STQ003725B0000	PCNL0102A	1STQ001784M0000	1/1

Off-center connnection

MBB rating In(A)	Busbar section (mm)	D (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Off-center connnection N to N							
1000A	60x10	800/1000	POXV6010	1STQ005796B0000	POXV6010A	1STQ002982M0000	1/1
1250A	80x10	800/1000	POXV8010	1STQ005797B0000	POXV8010A	1STQ002983M0000	1/1
1600A	100x10	800/1000	POXV1010	1STQ005798B0000	POXV1010A	1STQ002984M0000	1/1
2000A	120x10	800/1000	POXV1210	1STQ005799B0000	POXV1210A	1STQ002985M0000	1/1

XLine vertical 185mm

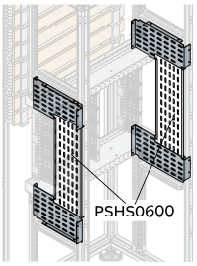
Order codes - Segregation



Form 2a/3a

Rear segregation

External dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Rear segregation					
600	PSVR0061	1STQ004131B0000	PSVR0061A	1STQ002687M0000	1/1
800	PSVR0081	1STQ004132B0000	PSVR0081A	1STQ002689M0000	1/1
1000	PSVR1001	1STQ004133B0000	PSVR1001A	1STQ002691M0000	1/1

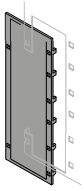


Side segregation middle compartment

Order one piece of PPVS9031 and one or two pieces of PSHS0600.

External dimensions (mm) H	W	D*	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Side segregation for middle compartment							
	1200	300	PPVS9031	1STQ004134B0000	PPVS9031A	1STQ002501M0000	1/4
600			PSHS0600	1STQ003285B0000	PSHS0600A	1STQ002616M0000	1/1

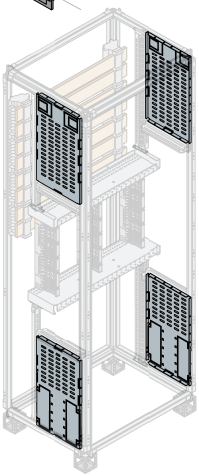
* until intermediate upright.



Rubber cover for closing compartments at the side

Rubber cover for closing compartments at the side and routing connections.

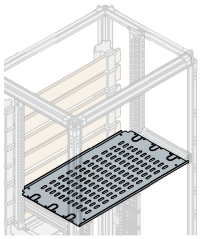
Cell dimensions (mm) H	Rubber dimensions (mm) H	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Rubber cover						
300	250	PPRS0300	1STQ008585A0000	PPRS0300A	1STQ003432M0000	1/1



Side segregation wiring duct and N/PE compartment

External dimensions W (mm)	D (mm)*	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Side wiring duct compartment						
550	300	PPVT5530	1STQ004135B0000	PPVT5530A	1STQ002503M0000	1/1
N/PE compartment						
550	300	PPVB5530	1STQ004230B0000	PPVB5530A	1STQ002491M0000	1/1

* until intermediate upright.

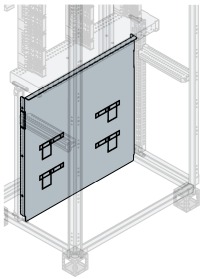


Horizontal segregations

The kit is composed composed by one horizontal segregation form 2a/3a.

External dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Horizontal segregation					
600	PSHS0601	1STQ004013B0000	PSHS0601A	1STQ002617M0000	1/1
800	PSHS0800	1STQ004014B0000	PSHS0800A	1STQ002620M0000	1/1
1000	PSHS1000	1STQ004015B0000	PSHS1000A	1STQ002622M0000	1/1

Form 3b



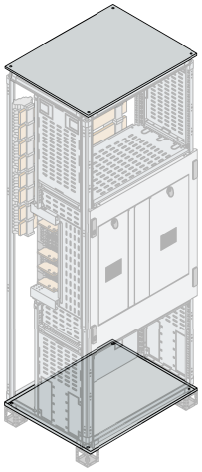
Segregation for bottom compartment

The kit is composed by one vertical rear segregation for top/ bottom compartment.

External dimensions H (mm)	W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Vertical rear segregation						
550	600	PRVS5560	1STQ004139B0000	PRVS5560A	1STQ002525M0000	1/1
550	800	PRVS5580	1STQ004140B0000	PRVS5580A	1STQ002526M0000	1/1
550	1000	PRVS5510	1STQ004141B0000	PRVS5510A	1STQ002524M0000	1/1

XLine vertical 185mm

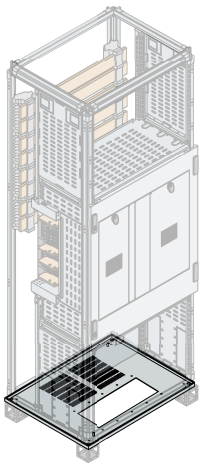
Order codes - External cover



Blind Top/Bottom - without gasket

Pickled sheet steel without gasket. The article comprises one single component that can be used as either a top or bottom. In order to purchase both the top and the bottom, please order two quantities of the same code or two different top/bottom codes according to the desired design of the structure. The code includes four M12x20 screws.

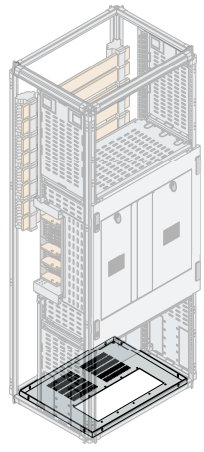
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind Top/Bottom						
600	600	PTBB5057	1STQ009407A0000	PTBB5057A	1STQ002796M0000	1/1
	800	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	1000	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
800	600	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	800	PTBB7072	1STQ003358B0000	PTBB7072A	1STQ002805M0000	1/1
	1000	PTBB7092	1STQ003359B0000	PTBB7092A	1STQ002807M0000	1/1
1000	600	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
	800	PTBB9070	1STQ003600B0000	PTBB9070A	1STQ002818M0000	1/1
	1000	PTBB9092	1STQ003360B0000	PTBB9092A	1STQ002821M0000	1/1



External top/bottom - without gasket

Pickled sheet steel without gasket. to be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Open top/bottom						
600	600	PTBB5051	1STQ003373B0000	PTBB5051A	1STQ002795M0000	1/1
	800	PTBB5071	1STQ003374B0000	PTBB5071A	1STQ002798M0000	1/1
	1000	PTBB5091	1STQ003375B0000	PTBB5091A	1STQ002801M0000	1/1
800	600	PTBB7051	1STQ004169B0000	PTBB7051A	1STQ002803M0000	1/1
	800	PTBB7071	1STQ003598B0000	PTBB7071A	1STQ002804M0000	1/1
	1000	PTBB7091	1STQ003597B0000	PTBB7091A	1STQ002806M0000	1/1
1000	600	PTBB9051	1STQ004170B0000	PTBB9051A	1STQ002817M0000	1/1
	800	PTBB9071	1STQ003599B0000	PTBB9071A	1STQ002819M0000	1/1
	1000	PTBB9091	1STQ003601B0000	PTBB9091A	1STQ002820M0000	1/1



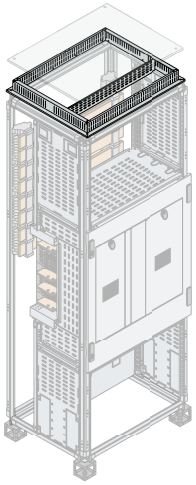
Internal top/bottom - without gasket

Zing-coated sheet metal without gasket. To be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Open top/bottom						
600	600	PBWP5051	1STQ004153B0000	PBWP5051A	1STQ001540M0000	1/1
	800	PBWP5071	1STQ004154B0000	PBWP5071A	1STQ001541M0000	1/1
	1000	PBWP5091	1STQ004155B0000	PBWP5091A	1STQ001542M0000	1/1
800	600	PBWP1170	1STQ003389B0000	PBWP1170A	1STQ001525M0000	1/1
	800	PBWP7071	1STQ003385B0000	PBWP7071A	1STQ001543M0000	1/1
	1000	PBWP7091	1STQ003386B0000	PBWP7091A	1STQ001544M0000	1/1
1000	600	PBWP1150	1STQ003388B0000	PBWP1150A	1STQ001523M0000	1/1
	800	PBWP9071	1STQ004159B0000	PBWP9071A	1STQ001548M0000	1/1
	1000	PBWP9091	1STQ003387B0000	PBWP9091A	1STQ001549M0000	1/1

XLine vertical 185mm

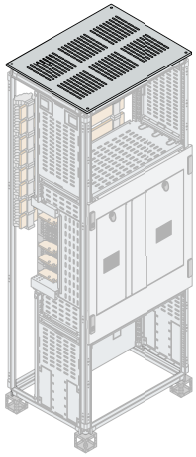
Order codes - External cover



Elevated top without gasket - without gasket

Elevated top without gasket. To favor heat dissipation inside the column.

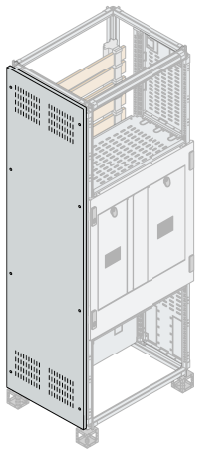
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Elevated top						
600	1000	PKTE6010	1STQ004174B0000	PKTE6010A	1STQ002403M0000	1/1
800		PKTE8010	1STQ004175B0000	PKTE8010A	1STQ002404M0000	1/1
1000		PKTE1010	1STQ004177B0000	PKTE1010A	1STQ002396M0000	1/1



Aerated top without gasket - without gasket

Pickled sheet metal without gasket.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated top						
600	1000	PKTA6010	1STQ004184B0000	PKTA6010A	1STQ002393M0000	1/1
800		PKTA8010	1STQ004185B0000	PKTA8010A	1STQ002394M0000	1/1
1000		PKTA1010	1STQ004187B0000	PKTA1010A	1STQ002386M0000	1/1



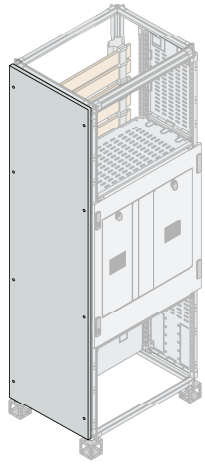
External aerated side panel - with gasket

Pickled sheet steel with ventilation grid. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated side panel						
2200	600	PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1
	800	PPEA2071	1STQ003532B0000	PPEA2071A	1STQ002415M0000	1/1
	1000	PPEA2091	1STQ003534B0000	PPEA2091A	1STQ002417M0000	1/1

XLine vertical 185mm

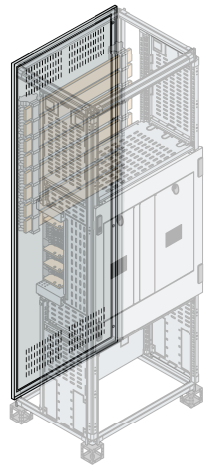
Order codes - External cover



External blind side panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

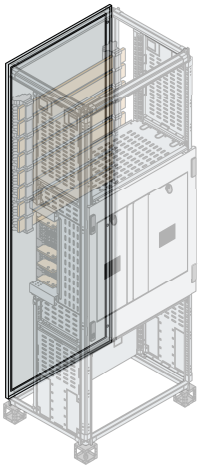
External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind side panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1



External aerated rear panel - with gasket

Pickled sheet steel with gasket and ventilation grid .

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Aerated rear panel						
2200	600	PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1
	800	PPEA2071	1STQ003532B0000	PPEA2071A	1STQ002415M0000	1/1
	1000	PPEA2091	1STQ003534B0000	PPEA2091A	1STQ002417M0000	1/1

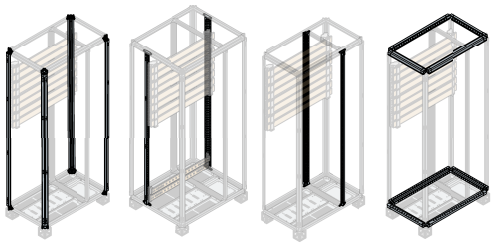


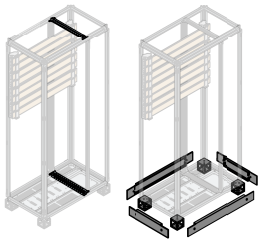
External blind rear panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Blind rear panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1

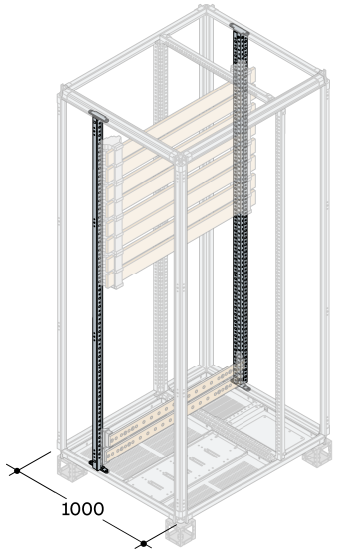
XLine horizontal 185mm
Quick selection guide

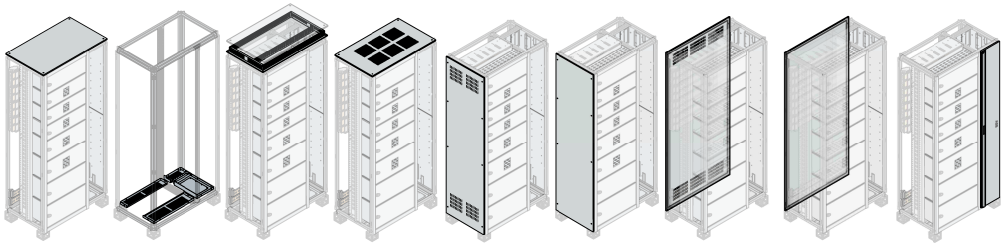




Functional dimensions			External dimensions			FRAME											
						Uprights			Intermediate uprights for internal mounting busbars*		Structure crosspieces Galvanized sheet metal			H=100mm plinth	Plinth flanges	
H (mm)	W (mm)	D (mm)	H (mm)	W (mm)	D (mm)	Galvanized sheet metal	Stainless Steel	Galvanized sheet metal for internal cable compartment	Galvanized sheet metal	Stainless Steel	Front/Rear	Side	Internal cable compartment	Angle pieces	Front/ Rear	Side
2000	900	500	2200	1000	600	PUPM2000	PUPS2002	PUCM2000			PCFM0500	PCFM0500	PCCM0500	PPAM0100	PPFM1050	PPFM1050
		700			800							PCFM0700	PCCM0700			PPFM1070
		900			1000				PUPM2011	PUPS2011		PCFM0900	PCCM0900			PPFM1090
	1100	500		1200	600						PCFM0900	PCFM0500	PCCM0500	PPAM0100	PPFM1090	PPFM1050
		700			800							PCFM0700	PCCM0700			PPFM1070
		900			1000				PUPM2011	PUPS2011		PCFM0900	PCCM0900			PPFM1090

* For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



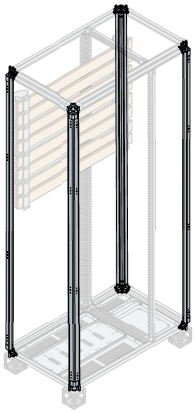




EXTERNAL COVER

Top/bottom external panel	Internal bottom	Elevated top	Aerated top	Side Panel		Rear Panel		Blind doors without lever for internal cable compartment	Lever codes, to be added for each door			
Bilnd		D=1000mm	D=1000mm	Areated	Blind	Areated	Blind	W=250mm	W=450mm	Standard lever without push-button	Lever for semi-cylinder insert	Padlockable lever handle
PTBB5090	PTBB1006			PPEA2051	PPEB2056							
PTBB9070	PTBB1008			PPEA2071	PPEB2076	PPEA2091	PPEB2096					
PTBB9092	PTBB1010	PKTE1010	PKTA1010	PPEA2091	PPEB2096							
PTBB1150	PTBB1206			PPEA2051	PPEB2056							
PTBB1170	PTBB1208			PPEA2071	PPEB2076	PPEA2012	PPEB2012	PDLB2027	PDLB2047	PHLS0013	PHLS0012	PHLS0011
PTBB1190	PTBB1210	PKTE1210	PKTA1210	PPEA2091	PPEB2096							

XLine horizontal 185mm
Order codes - Frame



Uprights – Galvanized sheet metal
Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.4 galvanized sheet metal uprights					
2200	PUPM2000	1STQ007034A0000	PUPM2000A	1STQ002874M0000	1/4

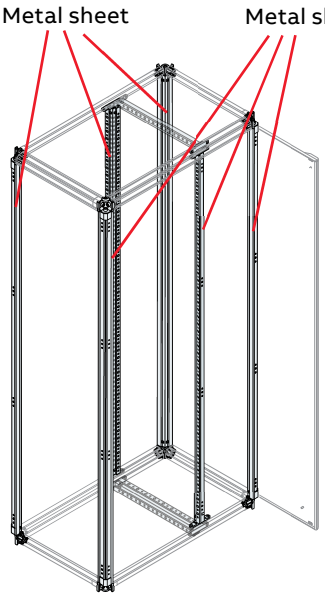
Uprights – Stainless steel
The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In >4000A.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.2 stainless steel uprights and no.2 galvanized sheet metal uprights					
2200	PUPM2002	1STQ002032B0000	PUPM2002A	1STQ002876M0000	1/4

Examples of use

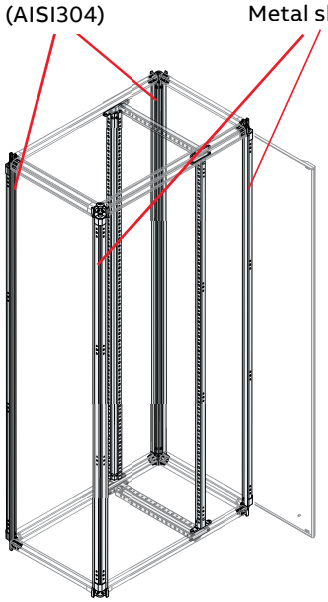
Galvanized sheet metal In ≤4000A

PUPM2000
Metal sheet



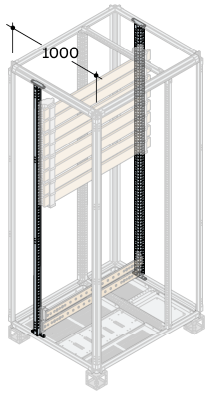
Uprights for enclosure In>4000A

PUPM2002
Stainless steel
(AISI304)



XLine horizontal 185mm

Order codes - Frame



Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 galvanized sheet metal upright					
2200	PUPM2011	1STQ003355B0000	PUPM2011A	1STQ002877M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

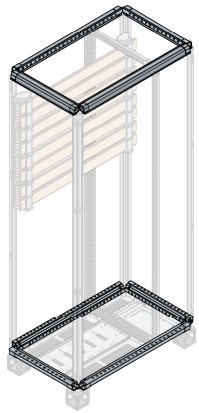
Intermediate upright for internal mounting kits and busbars – Stainless steel

Upright formed by a closed profile made of stainless steel. For applications with In >4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 stainless steel metal upright					
2200	PUPS2011	1STQ003703B0000	PUPS2011A	1STQ002879M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPS2011 upright also in rear position.



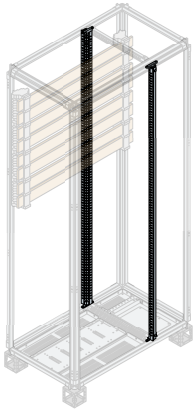
Structure crosspieces – Galvanized sheel metal

Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 width crosspieces						
1000		PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4
1200		PCFM1100	1STQ003356B0000	PCFM1100A	1STQ001685M0000	1/4
No.4 depth crosspieces						
	600	PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
	800	PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
	1000	PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4

XLine horizontal 185mm

Order codes - Frame



Uprights for internal cable compartment – Galvanized sheet metal - In <= 4000A

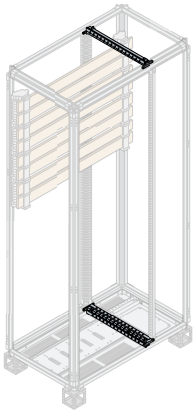
Upright formed by a closed profile in galvanized sheet metal for internal cable compartment with fixing brackets.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.1 upright for internal cable compartment					
2200	PUCM2000	1STQ007743A0000	PUCM2000A	1STQ002871M0000	1/1

Uprights for internal cable compartment – Stainless steel - In > 4000A

Upright formed by a closed profile in AISI 304 stainless steel for internal cable compartment with fixing brackets. For applications with In >4000A, the rear internal cable compartment uprights has to be in stainless steel.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.1 stainless steel upright for cable compartment					
2200	PUCS2000	1STQ007750B0000	PUCS2000A	1STQ003531M0000	1/1



Crosspieces for internal cable compartment

Crosspieces for internal cable compartment in galvanized sheet metal.

External dimensions D (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.2 cable conpartment crosspieces					
600	PCCM0500	1STQ007746A0000	PCCM0500A	1STQ001550M0000	1/2
800	PCCM0700	1STQ007747A0000	PCCM0700A	1STQ001551M0000	1/2
1000	PCCM0900	1STQ007748A0000	PCCM0900A	1STQ001552M0000	1/2

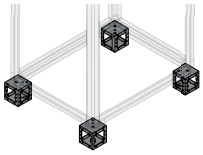
—

To be ordered when there is an intermediate upright for mounting kit PUKI.... or an intermediate crosspiece for installing busbars horizontally under the top or on the bottom of the PCKI.... structure or when vertical side partitions are installed. NOT COMPATIBLE WITH WITHOUT GASKET PBWP....

XLine horizontal 185mm

Order codes - Frame

PPAM0100

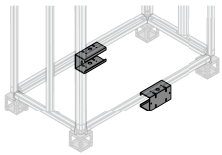


Universal angle pieces for plinths in galvanized sheet metal

Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000	PPAM0100A	1STQ002406M0000	1/4

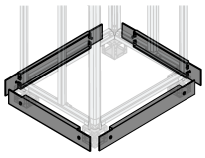
PPIM0100



Intermediate plinth

Intermediate plinth only for structures W=1250mm

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 intermediate plinths					
100	PPIM0100	1STQ007208A0000	PPIM0100A	1STQ002439M0000	1/2



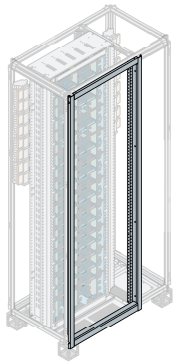
Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 front/rear plinth flanges						
1000		PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2
1200		PPFM1100	1STQ003357B0000	PPFM1100A	1STQ002437M0000	1/2
No.2 side plinth flanges						
	600	PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
	800	PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
	1000	PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2

XLine horizontal 185mm

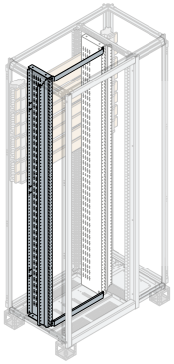
Order codes - Frame



Frame for kit fixing

Pickled sheet metal painted RAL7035 orange peel, IP 41, to support the fixing of the compartment.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Frame for kit fixing						
2200	600	PUFM2000	1STQ003318B0000	PUFM2000A	1STQ002872M0000	1/1



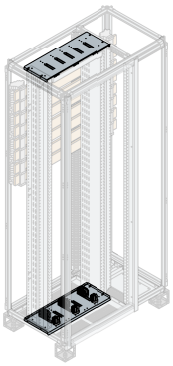
Internal vertical frame

To be ordered two pieces.

External dimensions	Delivered in kit		Delivered assembled		Package/
H (mm)	Type	Order code	Type	Order code	No. pcs
Vertical side steel blind support					
2200	PFVB2000	1STQ003268B0000	PFVB2000A	1STQ001893M0000	1/1

XLine horizontal 185mm

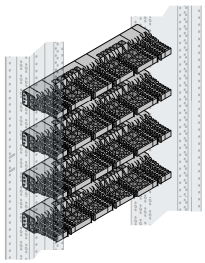
Order codes - Components



Top/bottom busbar support

This codes comprehend two horizontal support and busbar holders to support vertical busbars. Top and bottom busbar holder according to the number of phases.

External dimensions		Delivered in kit		Delivered assembled		
W (mm)	No.of poles	Type	Order code	Type	Order code	Package/ No. pcs
Horizontal top bottom steel blind support						
600	3	PFHB0600	1STQ003269B0000	PFHB0600A	1STQ001891M0000	1/2
600	4	PFHB0601	1STQ003284B0000	PFHB0601A	1STQ001892M0000	1/2



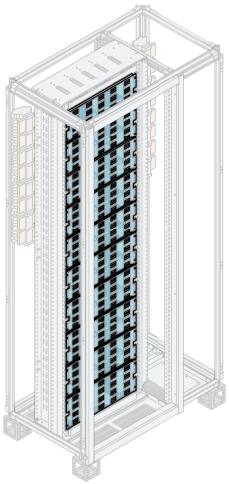
Crosspieces with busbar holders

Crosspieces with busbar holders. For Icw 100kA order 3 pcs.+ code PBHH0600; for Icw 75kA order 4 pcs; for Icw 50kA order 3 pcs; for Icw 36kA order 2 pcs. Choose the part number according to the number of poles.

External dimensions		Delivered in kit		Delivered assembled		
W (mm)	No.of poles	Type	Order code	Type	Order code	Package/ No. pcs
Crosspiece with busbar holders						
600	3	PBHH0601	1STQ003271B0000	PBHH0601A	1STQ001351M0000	1/4
600	4	PBHH0602	1STQ003272B0000	PBHH0602A	1STQ001352M0000	1/4
Additional kit for busbar holder for Icw 100kA						
600		PBHH0600	1STQ005650B0000	PBHH0600A	1STQ002958M0000	1/1

XLine horizontal 185mm

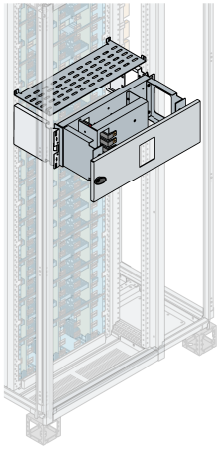
Order codes - Components

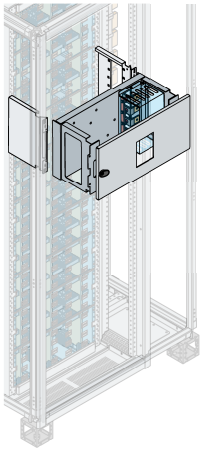


Busbar segregation

Polycarbonate segregation module (10 pieces H200mm) to cover the total height of the vertical distribution bars.

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Busbar segregation						
200	600	PFVL0600	1STQ003270B0000	PFVL0600A	1STQ001894M0000	1/10





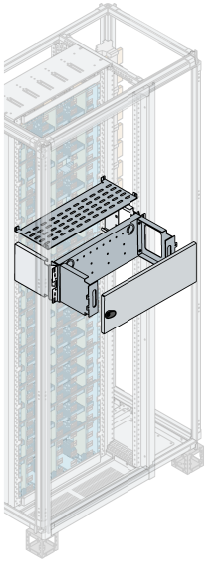
Breaker kit

The kit is composed of no. 2 side shelf + support plate + back plate + front plate cutout.

Dimensions	Breaker	No.of poles	Delivered in kit		Delivered assembled		Package/
H (mm)	type		Type	Order code	Type	Order code	No. pcs
Breaker kit							
150	XT1 fixed	3/4	PPVB1501	1STQ003273B0000	PPVB1501A	1STQ002478M0000	1/1
150	XT1 fixed	4	PPVB2006	1STQ004669B0000	PPVB2006A	1STQ002486M0000	1/1
150	XT2 fixed	3	PPVB1502	1STQ003274B0000	PPVB1502A	1STQ002479M0000	1/1
200	XT2 fixed	4	PPVB2002	1STQ003275B0000	PPVB2002A	1STQ002482M0000	1/1
150	XT3 fixed	3	PPVB1503	1STQ003276B0000	PPVB1503A	1STQ002480M0000	1/1
200	XT3 fixed	4	PPVB2003	1STQ003277B0000	PPVB2003A	1STQ002483M0000	1/1
150	XT4 fixed	3	PPVB1504	1STQ003278B0000	PPVB1504A	1STQ002481M0000	1/1
200	XT4 fixed	4	PPVB2004	1STQ003279B0000	PPVB2004A	1STQ002484M0000	1/1
200	T5 fixed	3	PPVB2005	1STQ003280B0000	PPVB2005A	1STQ002485M0000	1/1
250	T5 fixed	4	PPVB2505	1STQ003281B0000	PPVB2505A	1STQ002487M0000	1/1
300	T6 fixed	3	PPVB3006	1STQ003282B0000	PPVB3006A	1STQ002488M0000	1/1
350	T6 fixed	4	PPVB3506	1STQ003283B0000	PPVB3506A	1STQ002489M0000	1/1
150	XT1 motor	3	PPVX1501	1STQ003297B0000	PPVX1501A	1STQ002509M0000	1/1
150	XT1 motor	4	PPVX2006	1STQ004670B0000	PPVX2006A	1STQ002517M0000	1/1
150	XT2 motor	3	PPVX1502	1STQ003298B0000	PPVX1502A	1STQ002510M0000	1/1
200	XT2 motor	4	PPVX2002	1STQ003299B0000	PPVX2002A	1STQ002513M0000	1/1
150	XT3 motor	3	PPVX1503	1STQ003300B0000	PPVX1503A	1STQ002511M0000	1/1
200	XT3 motor	4	PPVX2003	1STQ003301B0000	PPVX2003A	1STQ002514M0000	1/1
150	XT4 motor	3	PPVX1504	1STQ003302B0000	PPVX1504A	1STQ002512M0000	1/1
200	XT4 motor	4	PPVX2004	1STQ003303B0000	PPVX2004A	1STQ002515M0000	1/1
200	T5 motor	3	PPVX2005	1STQ003304B0000	PPVX2005A	1STQ002516M0000	1/1
250	T5 motor	4	PPVX2505	1STQ003305B0000	PPVX2505A	1STQ002518M0000	1/1
300	T6 motor	3	PPVX3006	1STQ003306B0000	PPVX3006A	1STQ002519M0000	1/1
350	T6 motor	4	PPVX3506	1STQ003307B0000	PPVX3506A	1STQ002520M0000	1/1

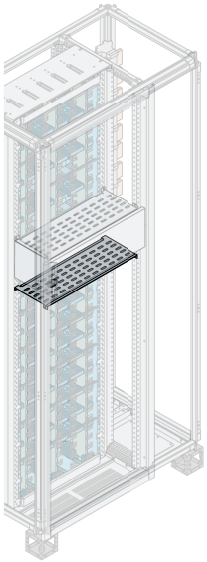
XLine horizontal 185mm

Order codes - Components



Spare kit for blind compartment

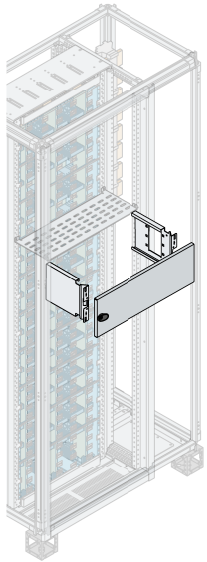
Dimensions H (mm)	In (A)	No.of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 side shelf + support plate + back plate + front panel blind							
150	160	3	PPMB1503	1STQ004783B0000	PPMB1503A	1STQ002441M0000	1/5
		4	PPMB1504	1STQ004784B0000	PPMB1504A	1STQ002442M0000	1/5
200	160/250	3	PPMB2013	1STQ004785B0000	PPMB2013A	1STQ002444M0000	1/5
		4	PPMB2014	1STQ004786B0000	PPMB2014A	1STQ002445M0000	1/5
	400	3	PPMB2043	1STQ004787B0000	PPMB2043A	1STQ002446M0000	1/5
		4	PPMB2044	1STQ004788B0000	PPMB2044A	1STQ002447M0000	1/5
250	160/250	3	PPMB2503	1STQ004789B0000	PPMB2503A	1STQ002449M0000	1/5
		4	PPMB2504	1STQ004790B0000	PPMB2504A	1STQ002450M0000	1/5
	400	3	PPMB2543	1STQ004791B0000	PPMB2543A	1STQ002451M0000	1/5
		4	PPMB2544	1STQ004792B0000	PPMB2544A	1STQ002452M0000	1/5
300	160/250	3	PPMB3003	1STQ004793B0000	PPMB3003A	1STQ002454M0000	1/5
		4	PPMB3004	1STQ004794B0000	PPMB3004A	1STQ002455M0000	1/5
	400	3	PPMB3043	1STQ004795B0000	PPMB3043A	1STQ002456M0000	1/5
		4	PPMB3044	1STQ004796B0000	PPMB3044A	1STQ002457M0000	1/5
	630	3	PPMB3063	1STQ004801B0000	PPMB3063A	1STQ002458M0000	1/5
350	160/250	3	PPMB3503	1STQ004797B0000	PPMB3503A	1STQ002460M0000	1/5
		4	PPMB3504	1STQ004798B0000	PPMB3504A	1STQ002461M0000	1/5
	400	3	PPMB3543	1STQ004799B0000	PPMB3543A	1STQ002462M0000	1/5
		4	PPMB3544	1STQ004800B0000	PPMB3544A	1STQ002463M0000	1/5
	630	4	PPMB3564	1STQ004802B0000	PPMB3564A	1STQ002464M0000	1/5



Single horizontal shelf

To be ordered to segregate to close the last installed kit.

External dimensions H (mm)	No. of poles	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Busbar segregation						
600	3	PSHS0600	1STQ003285B0000	PPMB1501A	1STQ002440M0000	1/1

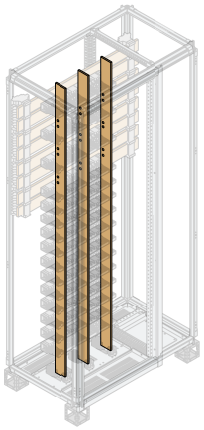


Blind panel to cover empty spaces in the column

Dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Blind panel to cover empty spaces in the column					
150	PPMB1501	1STQ003308B0000	PPMB2002A	1STQ002443M0000	1/1
200	PPMB2002	1STQ003309B0000	PPMB2501A	1STQ002448M0000	1/1
250	PPMB2501	1STQ003310B0000	PPMB3001A	1STQ002453M0000	1/1
300	PPMB3001	1STQ003311B0000	PPMB3501A	1STQ002459M0000	1/1
350	PPMB3501	1STQ003312B0000	PBFC6001A	1STQ001325M0000	1/1

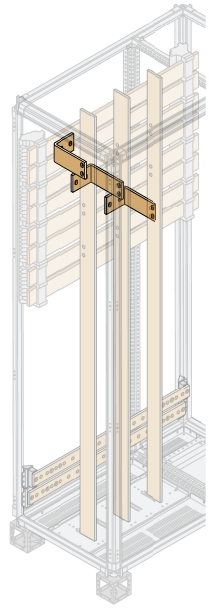
XLine horizontal 185mm

Order codes - Components



Distribution busbars

Busbar section (mm)	Rating (A)	Delivered in kit		Delivered assembled		Package/ No. pcs
		Type	Order code	Type	Order code	
No.3 distribution busbars						
60x10	1250	PBFC6001	1STQ003287B0000	PBFC6001A	1STQ001325M0000	1/3
80x10	1600	PBFC8001	1STQ003288B0000	PBFC8001A	1STQ001330M0000	1/3
100x10	2000	PBFC1010	1STQ003289B0000	PBFC1010A	1STQ001319M0000	1/3
120x10	2200	PBFC1210	1STQ003290B0000	PBFC1210A	1STQ001324M0000	1/3
No.3 distribution + no.1 neutral busbars						
60x10	1250	PBFQ6010	1STQ003291B0000	PBFQ6010A	1STQ001341M0000	1/4
80x10	1600	PBFQ8010	1STQ003292B0000	PBFQ8010A	1STQ001346M0000	1/4
100x10	2000	PBFQ1010	1STQ003519B0000	PBFQ1010A	1STQ001335M0000	1/4
20x10	2200	PBFQ1210	1STQ003293B0000	PBFQ1210A	1STQ001340M0000	1/4

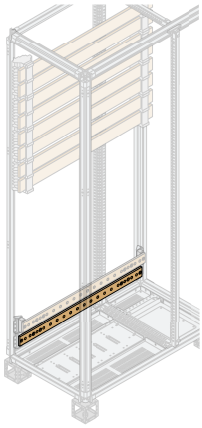


Connection between main and distribution busbars

Depth (mm)	Busbar section (mm)	No. of poles	Delivered in kit		Delivered assembled		Package/ No. pcs
			Type	Order code	Type	Order code	
Connection between main and distribution busbars							
600	60x10	3	PFCB6006	1STQ003328B0000	PFCB6006A	1STQ001854M0000	1/3
800	60x10	3	PFCB6008	1STQ003329B0000	PFCB6008A	1STQ001855M0000	1/3
600	80x10	3	PFCB8006	1STQ003330B0000	PFCB8006A	1STQ001871M0000	1/3
800	80x10	3	PFCB8008	1STQ003331B0000	PFCB8008A	1STQ001872M0000	1/3
600	100x10	3	PFCB1006	1STQ003332B0000	PFCB1006A	1STQ001824M0000	1/3
800	100x10	3	PFCB1008	1STQ003333B0000	PFCB1008A	1STQ001825M0000	1/3
600	120x10	3	PFCB1206	1STQ003334B0000	PFCB1206A	1STQ001840M0000	1/3
800	120x10	3	PFCB1208	1STQ003335B0000	PFCB1208A	1STQ001841M0000	1/3
600	60x10	4	PFCB6061	1STQ003336B0000	PFCB6061A	1STQ001858M0000	1/4
800	60x10	4	PFCB6081	1STQ003337B0000	PFCB6081A	1STQ001862M0000	1/4
600	80x10	4	PFCB8061	1STQ003338B0000	PFCB8061A	1STQ001874M0000	1/4
800	80x10	4	PFCB8081	1STQ003339B0000	PFCB8081A	1STQ001878M0000	1/4
600	100x10	4	PFCB1061	1STQ003340B0000	PFCB1061A	1STQ001827M0000	1/4
800	100x10	4	PFCB1081	1STQ003341B0000	PFCB1081A	1STQ001831M0000	1/4
600	120x10	4	PFCB1261	1STQ003342B0000	PFCB1261A	1STQ001843M0000	1/4
800	120x10	4	PFCB1281	1STQ003343B0000	PFCB1281A	1STQ001847M0000	1/4

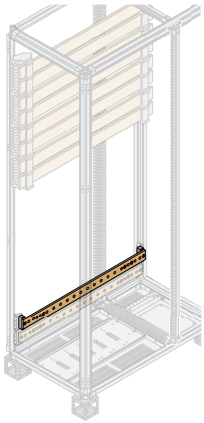
XLine horizontal 185mm

Order codes - Components

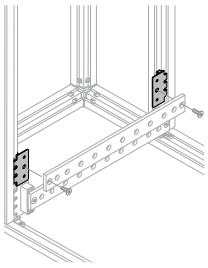


N/PE main busbars

External dimensions W (mm)	Section (mm)	MBB rating In	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Neutral busbar N50%							
1000	1x30x10	1000A	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/2
1200	1x30x10	1000A	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/2
1000	1x30x10	1250A	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/2
1200	1x30x10	1250A	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/2
1000	1X40X10	1600A	PBNE1610	1STQ003803B0000	PBNE1610A	1STQ001393M0000	1/2
1200	1X40X10	1600A	PBNE1612	1STQ003805B0000	PBNE1612A	1STQ001395M0000	1/2
1000	1X60X10	2000A	PBNE2010	1STQ003813B0000	PBNE2010A	1STQ001403M0000	1/2
1200	1X60X10	2000A	PBNE2012	1STQ003815B0000	PBNE2012A	1STQ001405M0000	1/2
1000	1X80X10	2500A	PBNE2510	1STQ003823B0000	PBNE2510A	1STQ001413M0000	1/2
1200	1X80X10	2500A	PBNE2512	1STQ003825B0000	PBNE2512A	1STQ001415M0000	1/2
1000	1X80X10	3200A	PBNE2510	1STQ003823B0000	PBNE2510A	1STQ001413M0000	1/2
1200	1X80X10	3200A	PBNE2512	1STQ003825B0000	PBNE2512A	1STQ001415M0000	1/2
1000	2X60X10	4000A	PBNE4010	1STQ003833B0000	PBNE4010A	1STQ001424M0000	1/2
1200	2X60X10	4000A	PBNE4012	1STQ003835B0000	PBNE4012A	1STQ001426M0000	1/2
1000	3X60X10	5000A	PBNE5010	1STQ003843B0000	PBNE5010A	1STQ001435M0000	1/2
1200	3X60X10	5000A	PBNE5012	1STQ003845B0000	PBNE5012A	1STQ001437M0000	1/2
1000	3X80X10	6300A	PBNE6310	1STQ003853B0000	PBNE6310A	1STQ001461M0000	1/2
1200	3X80X10	6300A	PBNE6312	1STQ003855B0000	PBNE6312A	1STQ001463M0000	1/2

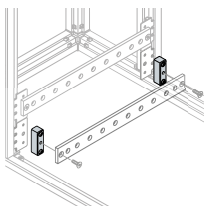


PE busbar							
1000	1x30x10	1000A	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/2
1200	1x30x10	1000A	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/2
1000	1x30x10	1250A	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/2
1200	1x30x10	1250A	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/2
1000	1x30x10	1600A	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/2
1200	1x30x10	1600A	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/2
1000	1x30x10	2000A	PBNE1010	1STQ003793B0000	PBNE1010A	1STQ001367M0000	1/2
1200	1x30x10	2000A	PBNE1012	1STQ003795B0000	PBNE1012A	1STQ001369M0000	1/2
1000	1X40X10	2500A	PBNE1610	1STQ003803B0000	PBNE1610A	1STQ001393M0000	1/2
1200	1X40X10	2500A	PBNE1612	1STQ003805B0000	PBNE1612A	1STQ001395M0000	1/2
1000	1X40X10	3200A	PBNE1610	1STQ003803B0000	PBNE1610A	1STQ001393M0000	1/2
1200	1X40X10	3200A	PBNE1612	1STQ003805B0000	PBNE1612A	1STQ001395M0000	1/2
1000	1X60X10	4000A	PBNE2010	1STQ003813B0000	PBNE2010A	1STQ001403M0000	1/2
1200	1X60X10	4000A	PBNE2012	1STQ003815B0000	PBNE2012A	1STQ001405M0000	1/2
1000	2x60x10	5000A	PBNE4010	1STQ003833B0000	PBNE4010A	1STQ001424M0000	1/2
1200	2x60x10	5000A	PBNE4012	1STQ003835B0000	PBNE4012A	1STQ001426M0000	1/2
1000	2x60x10	6300A	PBNE4010	1STQ003833B0000	PBNE4010A	1STQ001424M0000	1/2
1200	2x60x10	6300A	PBNE4012	1STQ003835B0000	PBNE4012A	1STQ001426M0000	1/2



Brackets for PE busbar

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 brackets for PE busbar	PBRP0003	1STQ003149B0000	PBRP0003A	1STQ001498M0000	1/2



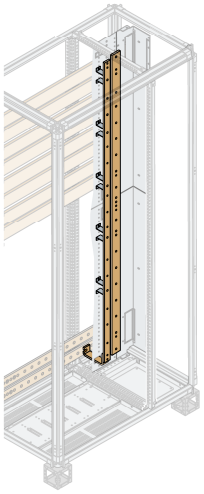
Neutral busbar holder

To be ordered two pieces for fixing the busbar.

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Neutral busbar holder	ZX563	2CPX068735R9999	-	-	1/1
Neutral busbar holder	ZX563P10	2CPX068736R9999	-	-	1/10

XLine horizontal 185mm

Order codes - Components



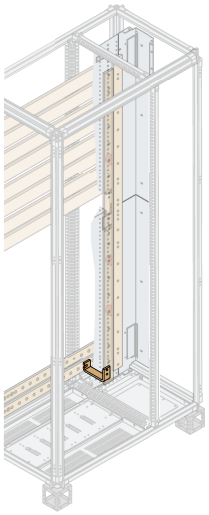
PE/N main busbars for internal cable compartment

External dimensions D (mm)	Bars section (mm)	Rating (A)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
PE busbar							
600	30x10		PBCE3010	1STQ003344B0000	PBCE3010A	1STQ001315M0000	1/2
800	30x10		PBCE3012	1STQ004654B0000	PBCE3012A	1STQ001317M0000	1/2
1000	30x10		PBCE3011	1STQ004653B0000	PBCE3011A	1STQ001316M0000	1/2
Busbar Neutral 50%							
600	30x10	1250 A	PBNE3015	1STQ003345B0000	PBNE3015A	1STQ001423M0000	1/2
800	40x10	1600 A	PBNE4015	1STQ003346B0000	PBNE4015A	1STQ001428M0000	1/2
1000	50x10	2000 A	PBNE5015	1STQ003347B0000	PBNE5015A	1STQ001439M0000	1/2
	60x10	2200 A	PBNE6015	1STQ003348B0000	PBNE6015A	1STQ001448M0000	1/2
Busbar Neutral 100%							
600	60x10	1250 A	PBNE6015	1STQ003348B0000	PBNE6015A	1STQ001448M0000	1/2
800	80x10	1600 A	PBNE8100	1STQ003350B0000	PBNE8100A	1STQ001483M0000	1/2
1000	100x10*	2000 A	PBNE1100	1STQ003351B0000	PBNE1100A	1STQ001386M0000	1/2
	120x10**	2200 A	PBNE1210	1STQ003352B0000	PBNE1210A	1STQ001392M0000	1/2

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*2X50 **2X60

Anchoring kit for PE main busbars without copper for internal cable compartment

Bars section (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
PE busbar without copper					
30x10	PANC0012	1STQ006510B0000	-	-	1/1



Neutral connections

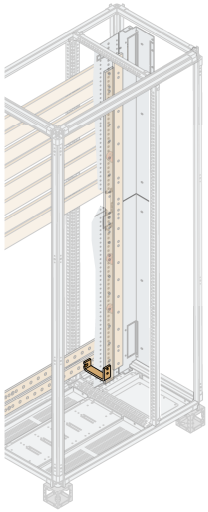
External dimensions D (mm)	Bars section (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Connection N-N						
600	30x10	PBNE6030	1STQ004655B0000	PBNE6030A	1STQ001449M0000	1/1
	40x10	PBNE6040	1STQ004656B0000	PBNE6040A	1STQ001451M0000	1/1
	50x10	PBNE6050	1STQ004657B0000	PBNE6050A	1STQ001453M0000	1/1
	60x10	PBNE6060	1STQ004658B0000	PBNE6060A	1STQ001454M0000	1/1
	80x10	PBNE6080	1STQ004659B0000	PBNE6080A	1STQ001455M0000	1/1
800	30x10	PBNE8030	1STQ004660B0000	PBNE8030A	1STQ001473M0000	1/1
	40x10	PBNE8040	1STQ004661B0000	PBNE8040A	1STQ001475M0000	1/1
	50x10	PBNE8050	1STQ004662B0000	PBNE8050A	1STQ001477M0000	1/1
	60x10	PBNE8060	1STQ004663B0000	PBNE8060A	1STQ001479M0000	1/1
	80x10	PBNE8080	1STQ004664B0000	PBNE8080A	1STQ001481M0000	1/1
600	100x10	PBNE6010	1STQ004665B0000	PBNE6010A	1STQ001446M0000	1/1
	120x10	PBNE6012	1STQ004666B0000	PBNE6012A	1STQ001447M0000	1/1
800	100x10	PBNE8010	1STQ004667B0000	PBNE8010A	1STQ001471M0000	1/1
	120x10	PBNE8012	1STQ004668B0000	PBNE8012A	1STQ001472M0000	1/1

Anchoring kit for neutral connections without copper

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Universal anchoring kit	PANC0007	1STQ006505B0000	-	-	1/1

XLine horizontal 185mm

Order codes - Components



Neutral connections (with separated back neutral)

External dimensions D (mm)	Bars section (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Connection for main busbars up to 3200A						
600	30x10	PBNE6031	1STQ005466B0000	PBNE6031A	1STQ001450M0000	1/1
	40x10	PBNE6041	1STQ005467B0000	PBNE6041A	1STQ001452M0000	1/1
600	50x10	PBNE6151	1STQ005472B0000	PBNE6151A	1STQ001458M0000	1/1
	60x10	PBNE6161	1STQ005473B0000	PBNE6161A	1STQ001459M0000	1/1
	80x10	PBNE6181	1STQ005474B0000	PBNE6181A	1STQ001460M0000	1/1
600	100x10*	PBNE6111	1STQ005481B0000	PBNE6111A	1STQ001456M0000	1/1
	120x10**	PBNE6112	1STQ005482B0000	PBNE6112A	1STQ001457M0000	1/1
Connection for main busbars up to 4000A						
800	30x10	PBNE8031	1STQ005447B0000 (1)	PBNE8031A	1STQ001474M0000	1/1
	40x10	PBNE8041	1STQ005448B0000 (1)	PBNE8041A	1STQ001476M0000	1/1
1000	30x10	PBNE1031	1STQ005449B0000 (1)	PBNE1031A	1STQ001372M0000	1/1
	40x10	PBNE1041	1STQ005450B0000 (1)	PBNE1041A	1STQ001375M0000	1/1
800	50x10	PBNE8051	1STQ005454B0000 (1)	PBNE8051A	1STQ001478M0000	1/1
	60x10	PBNE8061	1STQ005455B0000 (1)	PBNE8061A	1STQ001480M0000	1/1
	80x10	PBNE8081	1STQ005456B0000 (1)	PBNE8081A	1STQ001482M0000	1/1
1000	50x10	PBNE1052	1STQ005457B0000 (1)	PBNE1052A	1STQ001378M0000	1/1
	60x10	PBNE1062	1STQ005458B0000 (1)	PBNE1062A	1STQ001381M0000	1/1
	80x10	PBNE1082	1STQ005459B0000 (1)	PBNE1082A	1STQ001384M0000	1/1
800	100x10*	PBNE1014	1STQ005462B0000 (1)	PBNE1014A	1STQ001371M0000	1/1
	120x10 **	PBNE8112	1STQ005463B0000 (1)	PBNE8112A	1STQ001484M0000	1/1
1000	100x10*	PBNE1111	1STQ005464B0000 (1)	PBNE1111A	1STQ001387M0000	1/1
	120x10**	PBNE1112	1STQ005465B0000 (1)	PBNE1112A	1STQ001388M0000	1/1

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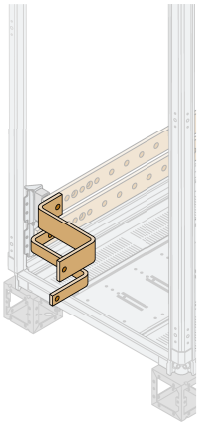
*2x50 **2x60

(1) In order to reach 4000A order no.1 cylinder 30x10 ZX651.

(2) In order to reach 3200A order no.1 cylinder 30x20 ZX652.

XLine horizontal 185mm

Order codes - Components



Connections between PE/N principal busbars and PE/N busbars of the beside column

External dimensions D (mm)	Neutral/earth section (mm)	Rating PE	Rating N (A)	Delivered in kit		Delivered assembled		Package/ No. pcs
				Type	Order code	Type	Order code	
Connection								
600	N/PE 30x10	up to 2000A	1000/ 1250A	PFCB3060	1STQ005228B0000	PFCB3060A	1STQ001850M0000	1/2
	N/PE 40x10	up to 3200A	1600A	PFCB4060	1STQ005230B0000	PFCB4060A	1STQ001852M0000	1/2
	N/PE 60x10	4000A	2000A	PFCB6161	1STQ005487B0000	PFCB6161A	1STQ001865M0000	1/2
	PE 2x60x10	5000/ 6300A		PFCB6162	1STQ005488B0000	PFCB6162A	1STQ001866M0000	1/2
800	N/PE 30x10	up to 2000A	1000/ 1250A	PFCB3080	1STQ005229B0000	PFCB3080A	1STQ001851M0000	1/2
	N/PE 40x10	up to 3200A	1600A	PFCB4180	1STQ005231B0000	PFCB4180A	1STQ001853M0000	1/2
	N/PE 60x10	4000A	2000A	PFCB8161	1STQ005489B0000	PFCB8161A	1STQ001881M0000	1/2
	PE 2x60x10	5000/ 6300A		PFCB8162	1STQ005490B0000	PFCB8162A	1STQ001882M0000	1/2
1000	N/PE 30x10	up to 2000A	1000/ 1250A	PFCB1131	1STQ005491B0000	PFCB1131A	1STQ001834M0000	1/2
	N/PE 40x10	up to 3200A	1600A	PFCB1141	1STQ005492B0000	PFCB1141A	1STQ001835M0000	1/2
	N/PE 60x10	4000A	2000A	PFCB6010	1STQ005232B0000	PFCB6010A	1STQ001856M0000	1/2
	PE 2x60x10	5000/ 6300A		PFCB6210	1STQ005233B0000	PFCB6210A	1STQ001868M0000	1/2
600	N 80x10		2500/ 3200A	PFCB6181	1STQ005493B0000	PFCB6181A	1STQ001867M0000	1/2
	N 2x60x10		4000A	PFCB6262	1STQ005494B0000	PFCB6262A	1STQ001869M0000	1/2
	N 3x60x10		5000A	PFCB6363	1STQ005495B0000	PFCB6363A	1STQ001870M0000	1/2
	N 3x80x10		6300A	PFCB8184	1STQ005496B0000	PFCB8184A	1STQ001884M0000	1/2
800	N 80x10		2500/ 3200A	PFCB8181	1STQ005497B0000	PFCB8181A	1STQ001883M0000	1/2
	N 2x60x10		4000A	PFCB8262	1STQ005498B0000	PFCB8262A	1STQ001885M0000	1/2
	N 3x60x10		5000A	PFCB8363	1STQ005499B0000	PFCB8363A	1STQ001886M0000	1/2
	N 3x80x10		6300A	PFCB8383	1STQ005500B0000	PFCB8383A	1STQ001887M0000	1/2
1000	N 80x10		2500/ 3200A	PFCB1181	1STQ005501B0000	PFCB1181A	1STQ001838M0000	1/2
	N 2x60x10		4000A	PFCB1162	1STQ005502B0000	PFCB1162A	1STQ001836M0000	1/2
	N 3x60x10		5000A	PFCB1163	1STQ005503B0000	PFCB1163A	1STQ001837M0000	1/2
	N 3x80x10		6300A	PFCB1183	1STQ005504B0000	PFCB1183A	1STQ001839M0000	1/2

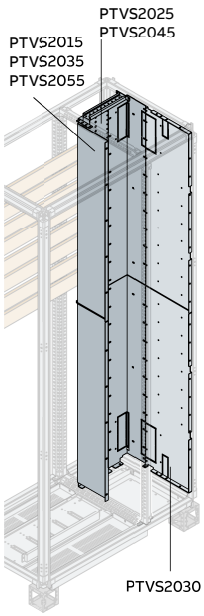
Anchoring for distribution busbars to main busbars

The selection of the right codes is granted by ABB e-Configure Enclosures software.

Description	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
Up to 2500 A	PANC2500	1STQ006861B0000	PANC2500A	1STQ003402M0000	1/1
Up to 4000 A	PANC4000	1STQ006862B0000	PANC4000A	1STQ003403M0000	1/1
Up to 6300 A	PANC6300	1STQ006863B0000	PANC6300A	1STQ003404M0000	1/1

XLine horizontal 185mm

Order codes - External cover

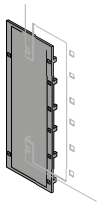


Segregations for rear cable compartment Form 4b

Zinc-coated sheet metal. In order to reach form 4b order all codes. The segragation leaves back compartment for the rear busbars. Order the codes according to cable compartment's external dimensions.

External dimensions H (mm)	W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 panel for rear cable compartment vertical side segregation *							
2100		600	PTVS2015	1STQ003313B0000	PTVS2015A	1STQ002865M0000	1/2
		800	PTVS2035	1STQ003314B0000	PTVS2035A	1STQ002868M0000	1/2
		1000	PTVS2055	1STQ003315B0000	PTVS2055A	1STQ002870M0000	1/2
No.2 panel for vertical back segregation							
2100	400		PTVS2025	1STQ003707B0000	PTVS2025A	1STQ002866M0000	1/2
	500		PTVS2045	1STQ003316B0000	PTVS2045A	1STQ002869M0000	1/2
No.2 panel for vertical side segregation							
2100			PTVS2030	1STQ003317B0000	PTVS2030A	1STQ002867M0000	1/2

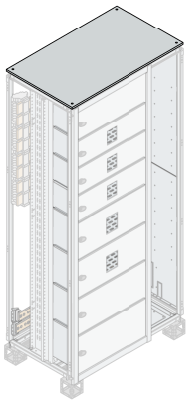
*Useful to close in depth until the intermediate upright



Rubber cover for closing compartments at the side

Rubber cover for closing compartments at the side and routing connections.

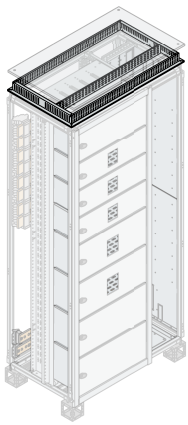
Cell dimensions (mm) H	Rubber dimensions (mm) H	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Rubber cover						
400	350	PPRS0400	1STQ008587A0000	PPRS0400A	1STQ003433M0000	1/1



Blind Top/Bottom - without gasket

Pickled sheet steel without gasket. The article comprises one single component that can be used as either a top or bottom. In order to purchase both the top and the bottom, please order two quantities of the same code or two different top/bottom codes according to the desired design of the structure. The code includes four M12x20 screws.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Blind Top/Bottom						
1000	600	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
	800	PTBB9070	1STQ003600B0000	PTBB9070A	1STQ002818M0000	1/1
	1000	PTBB9092	1STQ003360B0000	PTBB9092A	1STQ002821M0000	1/1
1200	600	PTBB1150	1STQ003361B0000	PTBB1150A	1STQ002761M0000	1/1
	800	PTBB1170	1STQ003362B0000	PTBB1170A	1STQ002763M0000	1/1
	1000	PTBB1190	1STQ003363B0000	PTBB1190A	1STQ002765M0000	1/1



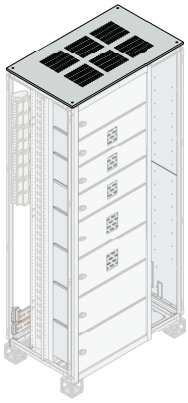
Elevated top - without gasket

Elevated top without gasket. To favor heat dissipation inside the column.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Elevated top						
1000	1000	PKTE1010	1STQ004177B0000	PKTE1010A	1STQ002396M0000	1/1
1200		PKTE1210	1STQ004179B0000	PKTE1210A	1STQ002398M0000	1/1

XLine horizontal 185mm

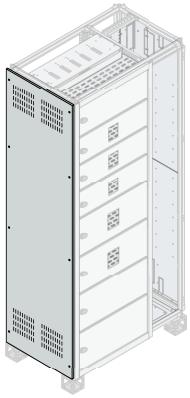
Order codes - External cover



Aerated top - without gasket

Pickled sheet metal without gasket.

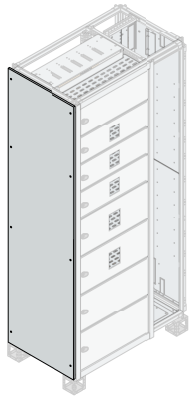
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated top						
1000	1000	PKTA1010	1STQ004187B0000	PKTA1010A	1STQ002386M0000	1/1
1200		PKTA1210	1STQ004189B0000	PKTA1210A	1STQ002388M0000	1/1



External aerated side panel - with gasket

Pickled sheet steel with gasket and ventilation grid. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated side panel						
2200	600	PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1
	800	PPEA2071	1STQ003532B0000	PPEA2071A	1STQ002415M0000	1/1
	1000	PPEA2091	1STQ003534B0000	PPEA2091A	1STQ002417M0000	1/1



External blind side panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind side panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1



External aerated rear panel - with gasket

Pickled sheet steel with with gasket and ventilation grid.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Aerated rear panel						
2200	1000	PPEA2091	1STQ003534A0000	PPEA2091A	1STQ002417M0000	1/1
	1200	PPEA2012	1STQ003536B0000	PPEA2012A	1STQ002408M0000	1/1

XLine horizontal 185mm

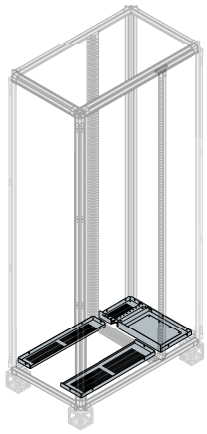
Order codes - External cover



External blind rear panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Blind rear panel						
2200	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1
	1200	PPEB2012	1STQ003546B0000	PPEB2012A	1STQ002418M0000	1/1

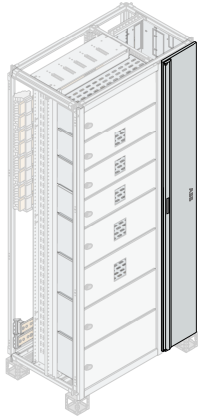


Bottom without gasket

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Bottom						
1000	600	PTBB1006	1STQ003704B0000	PTBB1006A	1STQ002749M0000	1/1
	800	PTBB1008	1STQ003705B0000	PTBB1008A	1STQ002750M0000	1/1
	1000	PTBB1010	1STQ003706B0000	PTBB1010A	1STQ002751M0000	1/1
1200*	600	PTBB1206	1STQ003294B0000	PTBB1206A	1STQ002767M0000	1/1
	800	PTBB1208	1STQ003295B0000	PTBB1208A	1STQ002768M0000	1/1
	1000	PTBB1210	1STQ003296B0000	PTBB1210A	1STQ002769M0000	1/1

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* To be ordered with codes RFGA15 or RFKA15 or RFMA15.



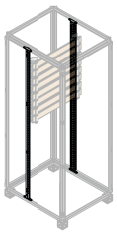
Blind door for without lever for internal cable compartment - without gasket

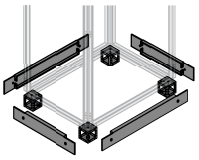
External dimensions	Delivered in kit		Delivered assembled		Package/
W (mm)	Type	Order code	Type	Order code	No. pcs
Blind door for internal cable compartment					
250	PDLB2027	1STQ003605B0000	PDLB2027A	1STQ001807M0000	1/1
450	PDLB2047	1STQ003614B0000	PDLB2047A	1STQ001811M0000	1/1

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Handles to be ordered separately, see page 2-154.

CombiLine
Quick selection guide

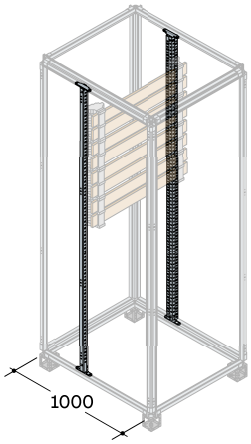



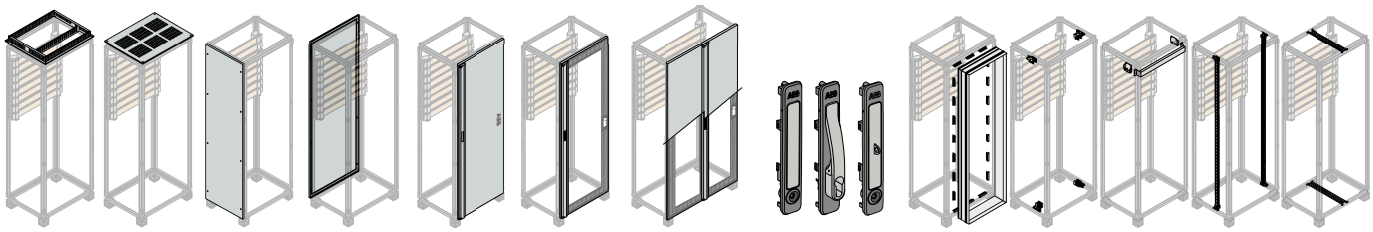



Functional dimensions			External dimensions			FRAME						EXTERNAL COVERS			
						Uprights		Intermediate uprights for internal mounting busbars*		Structure crosspieces Galvanized sheet metal		H=100mm plinth Galvanized sheet metal		Top/bottom panels with gasket	Top/bottom panels witout gasket
H (mm)	W (mm)	D (mm)	H (mm)	W (mm)	D (mm)	Galvanized sheet metal	Stainless steel	Galvanized sheet metal	Stainless steel	Front/Rear	Side	Angle pieces	Plinth flanges Front/Rear	Side	Blind	Blind
		500			600						PCFM0500			PPFM1050	PTBB2556	PTBB2550
	250	700		350	800					PCFM0250	PCFM0700	PPAM0100	PPFM1025	PPFM1070	PTBB2576	PTBB2570
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090	PTBB2596	PTBB2590
		500			600						PCFM0500			PPFM1050	PTBB5050	PTBB5050
	500	700		600	800					PCFM0500	PCFM0700	PPAM0100	PPFM1050	PPFM1070	PTBB5076	PTBB5070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090	PTBB5096	PTBB5090
		500			600						PCFM0500			PPFM1050	PTBB7556	PTBB7550
2000	750	700	2200	850	800	PUPM2000	PUPM2002			PCFM0750	PCFM0700	PPAM0100	PPFM1075	PPFM1070	PTBB7576	PTBB7570
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090	PTBB7596	PTBB7590
		500			600						PCFM0500			PPFM1050	PTBB1056	PTBB1050
	1000	700		1100	800					PCFM1000	PCFM0700	PPAM0100	PPFM1010	PPFM1070	PTBB1076	PTBB1070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090	PTBB1096	PTBB1090
		500			600						PCFM0500	PPAM0100 + PPIM0100		PPFM1050	PTBB1256	PTBB1250
	1250	700		1350	800					PCFM1250	PCFM0700		PPFM1250	PPFM1070	PTBB1276	PTBB1270
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090	PTBB1290	PTBB1290

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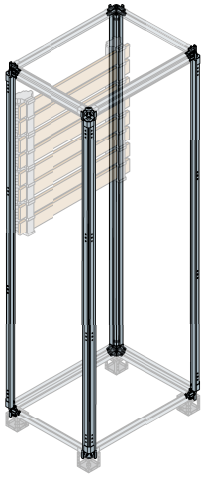
* For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.





Elevated top	Aerated top	Side Panel	Rear Panel	Doors without lever				Lever codes, to be added for each door			CombiLine kit					
without gasket D=1000mm	without gasket D=1000mm	with gasket	with gasket	Single blind with gasket	Single glazed with gasket	Double blind with gasket	Double glazed with gasket	Standard lever without push-button	Lever for semi-cylinder insert	Padlockable lever handle	Touch-guard	Bracket	Adaptor for H2000mm	WR frame	Depth support*
		PPEB2056													
		PPEB2076	PPEB2025	PDLB2028							PCTG....		PCCM2025	WR191	
PKTE3510	PKTA3510	PPEB2096													
		PPEB2056													
		PPEB2076	PPEB2056	PDLB2057	PDLG2057						PCTG....		PCCM2050	WR291	
PKTE6010	PKTA6010	PPEB2096													
		PPEB2056													
		PPEB2076	PPEB2075	PDLB2078	PDLG2078						PCTG....		PCCM2075	WR391	
PKTE8510	PKTA8510	PPEB2096						PHLS0013	PHLS0012	PHLS0011		PBCM0004			
		PPEB2056													PDFC0500
		PPEB2076	PPEB2016	PDLB2092	PDLG2092	PDLB2051 + PDLB2071	PDLG2051 + PDLG2071				PCTG....		PCCM2010	WR291x2	PDFC0700
PKTE1110	PKTA1110	PPEB2096													PDFC0900
		PPEB2056	PPEB2013 + PPBB2014			PDLB2071 + PDLB2077	PDLG2071 + PDLG2077								PDFC0500
		PPEB2076									PCTG....		PCCM2012	WR291 WR391	PDFC0700
PKTE1310	PKTA1310	PPEB2096													PDFC0900

CombiLine
Order codes - Frame



Uprights – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.4 galvanized sheet metal uprights					
2200	PUPM2000	1STQ007034A0000	PUPM2000A	1STQ002874M0000	1/4

Uprights – Stainless steel

The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In >4000A.

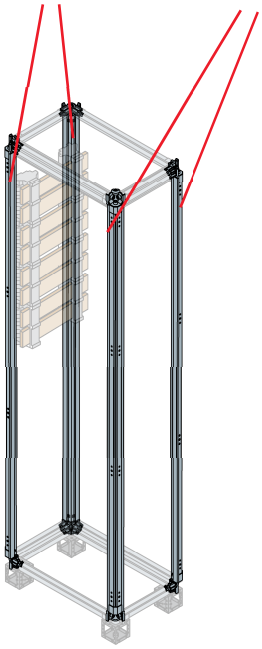
External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.2 stainless steel uprights and no.2 galvanized sheet metal uprights					
2200	PUPM2002	1STQ002032B0000	PUPM2002A	1STQ002876M0000	1/4

Examples of use

Galvanized sheet metal In ≤4000A

PUPM2000
Metal sheet

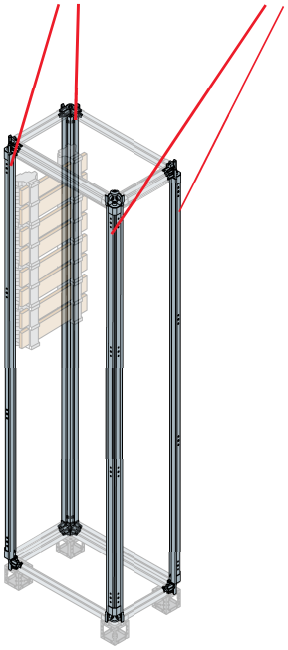
Metal sheet



Uprights for enclosure In>4000A

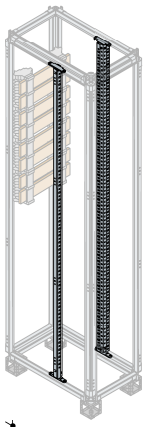
PUPS2002
Stainless steel
(AISI304)

Metal sheet



CombiLine

Order codes - Frame



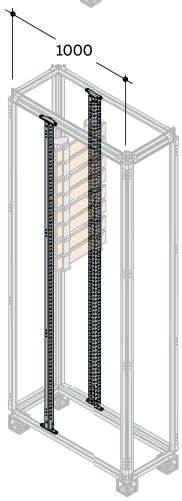
Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.1 galvanized sheet metal upright					
2200	PUPM2011	1STQ003355B0000	PUPM2011A	1STQ002877M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



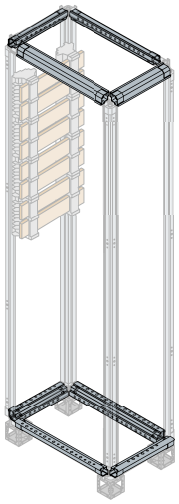
Intermediate upright for internal mounting kits and busbars – Stainless steel

Upright formed by a closed profile made of stainless steel. For applications with In >4000A.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.1 stainless steel metal upright					
2200	PUPS2011	1STQ003703B0000	PUPS2011A	1STQ002879M0000	1/1

—

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.



Structure crosspieces – Galvanized sheel metal

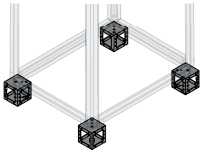
Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions		Delivered in kit		Delivered assembled		Package/ No. pcs
W (mm)	D (mm)	Type	Order code	Type	Order code	
No.4 width crosspieces						
350		PCFM0250	1STQ007036A0000	PCFM0250A	1STQ001677M0000	1/4
600		PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
850		PCFM0750	1STQ007041A0000	PCFM0750A	1STQ001682M0000	1/4
1100		PCFM1000	1STQ007043A0000	PCFM1000A	1STQ001684M0000	1/4
1350		PCFM1250	1STQ007044A0000	PCFM1250A	1STQ001686M0000	1/4
No.4 depth crosspieces						
	600	PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
	800	PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
	1000	PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4

CombiLine

Order codes - Frame

PPAM0100

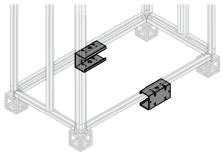


Universal angle pieces for plinths in galvanized sheet metal

Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000	PPAM0100A	1STQ002406M0000	1/4

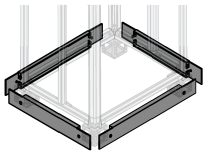
PPIM0100



Intermediate plinth

Intermediate plinth only for structures W=1250mm

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 intermediate plinths					
100	PPIM0100	1STQ007208A0000	PPIM0100A	1STQ002439M0000	1/2



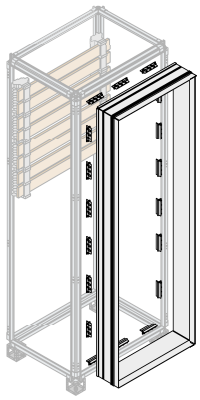
Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 front/rear plinth flanges						
350		PPFM1025	1STQ007049A0000	PPFM1025A	1STQ002430M0000	1/2
600		PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
850		PPFM1075	1STQ007054A0000	PPFM1075A	1STQ002435M0000	1/2
1100		PPFM1010	1STQ007056A0000	PPFM1010A	1STQ002429M0000	1/2
1350		PPFM1250	1STQ007057A0000	PPFM1250A	1STQ002438M0000	1/2
No.2 side plinth flanges						
	600	PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
	800	PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
	1000	PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2

CombiLine

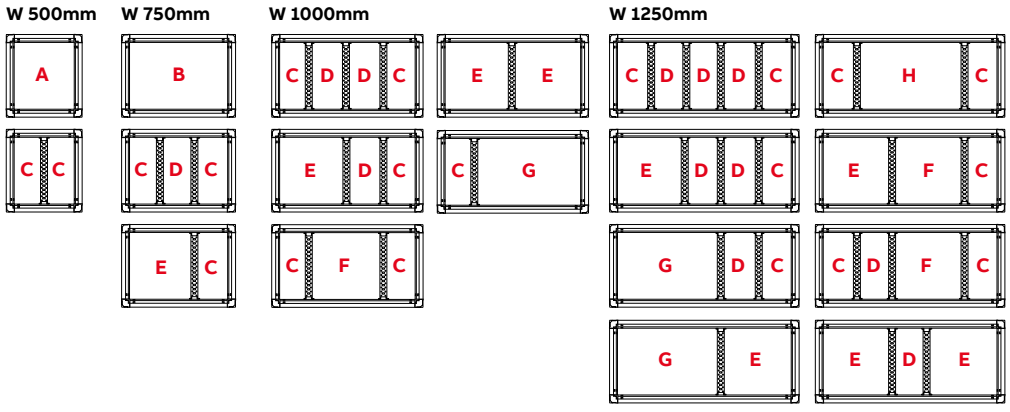
Order codes - Frame



Touch guard profile - dedicated solution for CombiLine N

Profile to guarantee without gasket touch protection with CombiLine N modules installed.

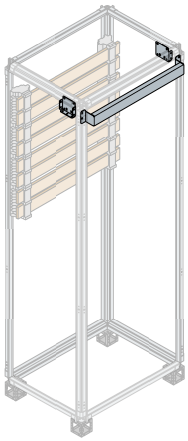
External dimensions (mm)			Delivered in kit		Delivered assembled		
H	W	Sequence horizontal renforcement	Type	Order code	Type	Order code	Package/ No. pcs
Touch Guard profile with vertical reinforcements							
2200	350	-	PCTG2020	1STQ007228B0000	PCTG2020A	1STQ003523M0000	1/1
2200	600	A	PCTG2051	1STQ006481B0000	PCTG2051A	1STQ003376M0000	1/1
2200	600	C C	PCTG2052	1STQ006482B0000	PCTG2052A	1STQ003377M0000	1/1
2200	850	B	PCTG2071	1STQ006483B0000	PCTG2071A	1STQ003378M0000	1/1
2200	850	C D C	PCTG2073	1STQ006484B0000	PCTG2073A	1STQ003379M0000	1/1
2200	850	E C	PCTG2072	1STQ006485B0000	PCTG2072A	1STQ003380M0000	1/1
2200	1100	C D D C	PCTC2014	1STQ006486B0000	PCTC2014A	1STQ003381M0000	1/1
2200	1100	E D C	PCTG2013	1STQ006487B0000	PCTG2013A	1STQ003382M0000	1/1
2200	1100	C F C	PCTG2016	1STQ006488B0000	PCTG2016A	1STQ003383M0000	1/1
2200	1100	E E	PCTG2018	1STQ006489B0000	PCTG2018A	1STQ003384M0000	1/1
2200	1100	C G	PCTG2011	1STQ006490B0000	PCTG2011A	1STQ003385M0000	1/1
2200	1350	C D D D	PCTG2027	1STQ006491B0000	PCTG2027A	1STQ003386M0000	1/1
2200	1350	E D D C	PCTG2024	1STQ006492B0000	PCTG2024A	1STQ003387M0000	1/1
2200	1350	G D C	PCTG2023	1STQ006493B0000	PCTG2023A	1STQ003388M0000	1/1
2200	1350	G E	PCTG2022	1STQ006494B0000	PCTG2022A	1STQ003389M0000	1/1
2200	1350	C H C	PCTG2026	1STQ006495B0000	PCTG2026A	1STQ003390M0000	1/1
2200	1350	E F C	PCTG2029	1STQ006496B0000	PCTG2029A	1STQ003391M0000	1/1
2200	1350	C D F C	PCTG2028	1STQ006497B0000	PCTG2028A	1STQ003392M0000	1/1
2200	1350	E D E	PCTG2021	1STQ006498B0000	PCTG2021A	1STQ003393M0000	1/1



Sequence	W (mm) Position
A	500 total
B	750 total
C	250 lateral
D	250 cental
E	500 lateral
F	500 cental
G	750 lateral
H	750 cental

CombiLine

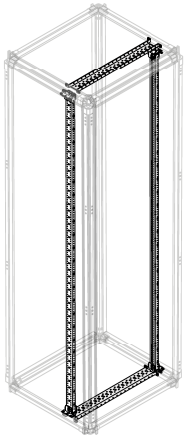
Order codes - Components



Height adapters for 2200mm columns

Adapters to use CombiLine N modules in columns with functional height 2000mm. The components cover 50mm on the bottom and on the top.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Adapter						
2200	350	PCCM2025	1STQ009355A0000	PCCM2025A	1STQ001555M0000	1/2
	600	PCCM2050	1STQ009356A0000	PCCM2050A	1STQ001556M0000	1/2
	850	PCCM2075	1STQ009357A0000	PCCM2075A	1STQ001557M0000	1/2
	1100	PCCM2010	1STQ009358A0000	PCCM2010A	1STQ001553M0000	1/2
	1350	PCCM2012	1STQ001318B0000	PCCM2012A	1STQ001554M0000	1/2



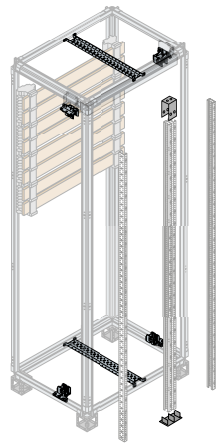
WR Frame

Mounting frame necessaires to fix CombiLine modules and bracker kit.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Adapter						
2200	350	WR191	2CPX042944R9999	-	-	1/1
	600	WR291	2CPX042945R9999	-	-	1/1
	850	WR391	2CPX042946R9999	-	-	1/1
	1100	WR291+WR391	-	-	-	1/2
	1350	WR291+WR391	-	-	-	1/2

CombiLine

Order codes - Frame



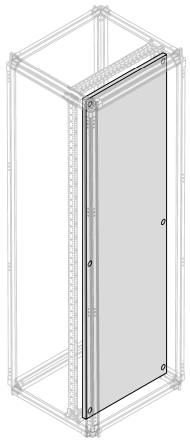
Fixing set

Fixed set for the adaptation of standard WR frame on System pro E power structure.

	Delivered in kit		Delivered assembled		Package/
Description	**Type**	**Order code**	**Type**	**Order code**	**No. pcs**
CombiLine N fixing set	PBCM0004	1STQ009354A0000	PBCM0004A	1STQ001318M0000	1/4
Depth support for frontal partitions					
No.2 CombiLine crosspieces for frame D=600mm	PDFC0500	1STQ001931B0000	PDFC0500A	1STQ001800M0000	1/2
No.2 CombiLine crosspieces for frame D=800mm	PDFC0700	1STQ001932B0000	PDFC0700A	1STQ001801M0000	1/2
No.2 CombiLine crosspieces for frame D=1000mm	PDFC0900	1STQ001933B0000	PDFC0900A	1STQ001802M0000	1/2
Frame holder					
No.4 WR mounting central bottom frame holder	RZ1P4	2CPX045950R9999	RZ1P4A	2CPX023978R9999	1/4
No.2 WR mounting central top frame holder	PBMC0001	1STQ001934B0000	PBMC0001A	1STQ001366M0000	1/2

—

Order the RZ1P4 older for two frames and PBMC0001 adaptor for CombiLine H=2000mm.
If two or more CombiLine N columns have to be installed use the following bracket: PBMC0001 1 braket for CombiLine N D. frame H=2000 1STQ001934B0000.



Mounting Plate for WR Frame

Mounting plate for WR frame. The mounting plate cannot be placed in the back of the structure. Maximum load capacity is 200kg.

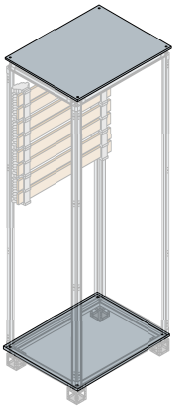
	Delivered in kit		Delivered assembled		Package/
Description	**Type**	**Order code**	**Type**	**Order code**	**No. pcs**
Mounting plate - 1FB	RM18	2CPX045909R9999	RM18A	2CPX010774R9999	1/1
Mounting plate - 2FB	RM28	2CPX045910R9999	RM28A	2CPX010775R9999	1/1
Mounting plate - 3FB	RM38	2CPX045911R9999	RM38A	2CPX010776R9999	1/1
Mounting plate - 4FB	RM48	2CPX045912R9999	RM48A	2CPX010777R9999	1/1

—

For mounting plate 5FB (W=1250mm) order 2FB+3FB mounting plate.

CombiLine

Order codes - External cover



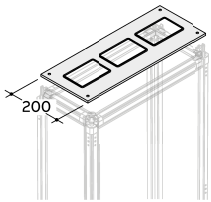
Blind top/bottom – Pickled sheet steel - with gasket

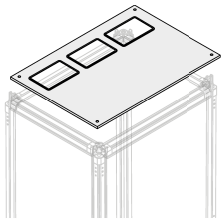
The article comprises one single component that can be used as either a top or bottom. In order to purchase both the top and the bottom, please order two quantities of the same code or two different top/bottom codes according to the desired design of the structure. The code includes four M12x20 screws.

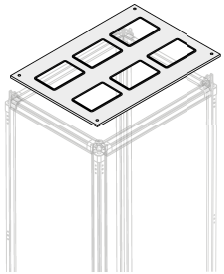
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
With gasket blind top/bottom						
350	600	PTBB2556	1STQ007072A0000	PTBB2556A	1STQ002780M0000	1/1
	800	PTBB2576	1STQ007073A0000	PTBB2576A	1STQ002782M0000	1/1
	1000	PTBB2596	1STQ001271B0000	PTBB2596A	1STQ002784M0000	1/1
600	600	PTBB5050	1STQ009179A0000	PTBB5050A	1STQ002794M0000	1/1
	800	PTBB5076	1STQ007085A0000	PTBB5076A	1STQ002799M0000	1/1
	1000	PTBB5096	1STQ001286B0000	PTBB5096A	1STQ002802M0000	1/1
850	600	PTBB7556	1STQ007092A0000	PTBB7556A	1STQ002810M0000	1/1
	800	PTBB7576	1STQ007093A0000	PTBB7576A	1STQ002813M0000	1/1
	1000	PTBB7596	1STQ001304B0000	PTBB7596A	1STQ002816M0000	1/1
1100	600	PTBB1056	1STQ007100A0000	PTBB1056A	1STQ002754M0000	1/1
	800	PTBB1076	1STQ007101A0000	PTBB1076A	1STQ002757M0000	1/1
	1000	PTBB1096	1STQ007102A0000	PTBB1096A	1STQ002760M0000	1/1
1350	600	PTBB1256	1STQ002295B0000	PTBB1256A	1STQ002772M0000	1/1
	800	PTBB1276	1STQ002296B0000	PTBB1276A	1STQ002775M0000	1/1
	1000	PTBB1296	1STQ007106A0000	PTBB1296A	1STQ002778M0000	1/1
Without gasket blind top/bottom						
350	600	PTBB2550	1STQ009370A0000	PTBB2550A	1STQ002779M0000	1/1
	800	PTBB2570	1STQ009423A0000	PTBB2570A	1STQ002781M0000	1/1
	1000	PTBB2590	1STQ001269B0000	PTBB2590A	1STQ002783M0000	1/1
600	600	PTBB5050	1STQ009179A0000	PTBB5050A	1STQ002794M0000	1/1
	800	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	1000	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1
850	600	PTBB7550	1STQ009387A0000	PTBB7550A	1STQ002808M0000	1/1
	800	PTBB7570	1STQ009429A0000	PTBB7570A	1STQ002811M0000	1/1
	1000	PTBB7590	1STQ001302B0000	PTBB7590A	1STQ002814M0000	1/1
1100	600	PTBB1050	1STQ007128A0000	PTBB1050A	1STQ002752M0000	1/1
	800	PTBB1070	1STQ007129A0000	PTBB1070A	1STQ002755M0000	1/1
	1000	PTBB1090	1STQ007130A0000	PTBB1090A	1STQ002758M0000	1/1
1350	600	PTBB1250	1STQ001316B0000	PTBB1250A	1STQ002770M0000	1/1
	800	PTBB1270	1STQ001317B0000	PTBB1270A	1STQ002773M0000	1/1
	1000	PTBB1290	1STQ007131A0000	PTBB1290A	1STQ002776M0000	1/1

CombiLine

Order codes - External cover



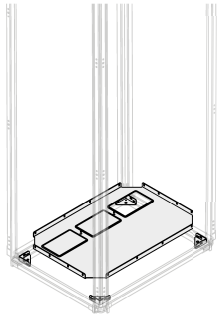




Open top - with gasket

Pickled sheet steel with holes. The code comprises one single component that can be used as top. In order to reach IP55 protection degree, use the dedicated fixed cable incoming flanges TZ.... page 2-144 on the external side. The use of the single open top without flanges does not guarantee any degree of protection IP. The cut out is 197x121mm, the distance between the cut out is 250mm in width and 250mm in depth (for two rows type).

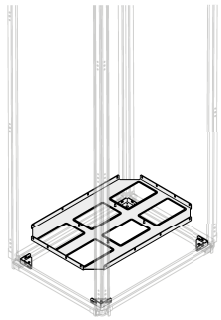
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
One row - Open top - with gasket						
350	600	PTBT2558	1STQ002410B0000	PTBT2558A	1STQ002843M0000	1/1
	800	PTBT2578	1STQ002412B0000	PTBT2578A	1STQ002847M0000	1/1
600	600	PTBT5058	1STQ002416B0000	PTBT5058A	1STQ002851M0000	1/1
	800	PTBT5078	1STQ002418B0000	PTBT5078A	1STQ002855M0000	1/1
850	600	PTBT7558	1STQ002422B0000	PTBT7558A	1STQ002859M0000	1/1
	800	PTBT7578	1STQ002424B0000	PTBT7578A	1STQ002863M0000	1/1
1100	600	PTBT1058	1STQ002398B0000	PTBT1058A	1STQ002827M0000	1/1
	800	PTBT1078	1STQ002400B0000	PTBT1078A	1STQ002831M0000	1/1
1350	600	PTBT1258	1STQ002404B0000	PTBT1258A	1STQ002835M0000	1/1
	800	PTBT1278	1STQ002406B0000	PTBT1278A	1STQ002839M0000	1/1
Two rows - Open top - with gasket						
350	600	PTBT2559	1STQ002411B0000	PTBT2559A	1STQ002844M0000	1/1
	800	PTBT2579	1STQ002413B0000	PTBT2579A	1STQ002848M0000	1/1
600	600	PTBT5059	1STQ002417B0000	PTBT5059A	1STQ002852M0000	1/1
	800	PTBT5079	1STQ002419B0000	PTBT5079A	1STQ002856M0000	1/1
850	600	PTBT7559	1STQ002423B0000	PTBT7559A	1STQ002860M0000	1/1
	800	PTBT7579	1STQ002425B0000	PTBT7579A	1STQ002864M0000	1/1
1100	600	PTBT1059	1STQ002399B0000	PTBT1059A	1STQ002828M0000	1/1
	800	PTBT1079	1STQ002401B0000	PTBT1079A	1STQ002832M0000	1/1
1350	600	PTBT1259	1STQ002405B0000	PTBT1259A	1STQ002836M0000	1/1
	800	PTBT1279	1STQ002407B0000	PTBT1279A	1STQ002840M0000	1/1



Internal open bottom without gasket for column D≥400mm - with plinth

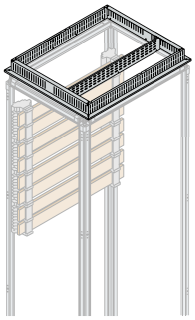
Internal galvanized steel bottom with special brackets kit included (special brackets kit available also as spare part with the code PBRB0004). The cut out is 197x121mm, the distance between the cut out is 250mm in width and 200mm in depth (for two rows type). The dedicated fixed cable incoming flanges TZ.... page 2-144 can be mounted on the external side. It is mandatory to use the plinth.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
One row - Internal open bottom - without gasket						
350	600	PBWF2556	1STQ002228B0000	PBWF2556A	1STQ001508M0000	1/1
	800	PBWF2576	1STQ002230B0000	PBWF2576A	1STQ001510M0000	1/1
600	600	PBWF5050	1STQ002234B0000	PBWF5050A	1STQ001512M0000	1/1
	800	PBWF5076	1STQ002237B0000	PBWF5076A	1STQ001514M0000	1/1
850	600	PBWF7556	1STQ002241B0000	PBWF7556A	1STQ001516M0000	1/1
	800	PBWF7576	1STQ002243B0000	PBWF7576A	1STQ001518M0000	1/1
1100	600	PBWF1056	1STQ002216B0000	PBWF1056A	1STQ001500M0000	1/1
	800	PBWF1076	1STQ002218B0000	PBWF1076A	1STQ001502M0000	1/1
1350	600	PBWF1256	1STQ002222B0000	PBWF1256A	1STQ001504M0000	1/1
	800	PBWF1276	1STQ002224B0000	PBWF1276A	1STQ001506M0000	1/1
Two rows - Internal open bottom - without gasket						
350	600	PBWF2557	1STQ002229B0000	PBWF2557A	1STQ001509M0000	1/1
	800	PBWF2577	1STQ002231B0000	PBWF2577A	1STQ001511M0000	1/1
600	600	PBWF5057	1STQ002236B0000	PBWF5057A	1STQ001513M0000	1/1
	800	PBWF5077	1STQ002238B0000	PBWF5077A	1STQ001515M0000	1/1
850	600	PBWF7557	1STQ002242B0000	PBWF7557A	1STQ001517M0000	1/1
	800	PBWF7577	1STQ002244B0000	PBWF7577A	1STQ001519M0000	1/1
1100	600	PBWF1057	1STQ002217B0000	PBWF1057A	1STQ001501M0000	1/1
	800	PBWF1077	1STQ002219B0000	PBWF1077A	1STQ001503M0000	1/1
1350	600	PBWF1257	1STQ002223B0000	PBWF1257A	1STQ001505M0000	1/1
	800	PBWF1277	1STQ002225B0000	PBWF1277A	1STQ001507M0000	1/1



CombiLine

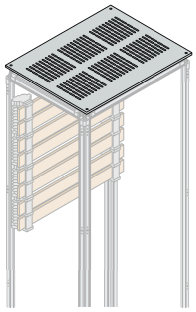
Order codes - External cover



Elevated top - without gasket

To favor heat dissipation inside the column.

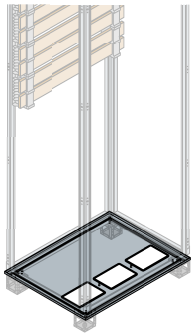
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Without gasket elevated top						
350	1000	PKTE3510	1STQ004171B0000	PKTE3510A	1STQ002400M0000	1/1
600		PKTE6010	1STQ004174B0000	PKTE6010A	1STQ002403M0000	1/1
850		PKTE8510	1STQ004176B0000	PKTE8510A	1STQ002405M0000	1/1
1100		PKTE1110	1STQ004178B0000	PKTE1110A	1STQ002397M0000	1/1
1350		PKTE1310	1STQ004180B0000	PKTE1310A	1STQ002399M0000	1/1



Aerated top - without gasket

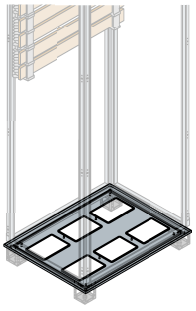
Pickled sheet metal without gasket.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Without gasket aerated top						
350	1000	PKTA3510	1STQ004181B0000	PKTA3510A	1STQ002390M0000	1/1
600		PKTA6010	1STQ004184B0000	PKTA6010A	1STQ002393M0000	1/1
850		PKTA8510	1STQ004186B0000	PKTA8510A	1STQ002395M0000	1/1
1100		PKTA1110	1STQ004188B0000	PKTA1110A	1STQ002387M0000	1/1
1350		PKTA1310	1STQ004190B0000	PKTA1310A	1STQ002389M0000	1/1



Open bottom for column with plinth - with gasket

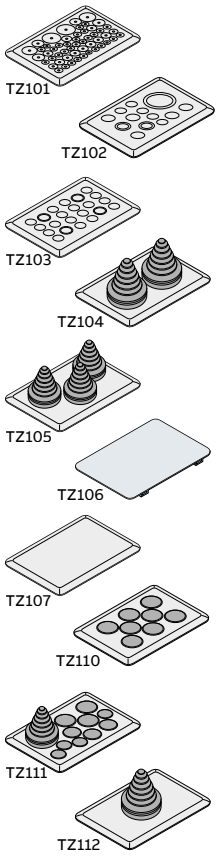
Pickled sheet steel with holes. The code comprises one single component that can be used as bottom. In order to reach IP65 protection degree, use the dedicated fixed cable incoming flanges TZ.... on the internal side. The use of the single open bottom without flanges does not guarantee any degree of protection IP. The cut out is 197x121mm, the distance between the cut out is 250mm in width and 250mm in depth (for two rows type).



External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
One row -Open bottom with gasket						
350	600	PTBT2556	1STQ002311B0000	PTBT2556A	1STQ002841M0000	1/1
	800	PTBT2576	1STQ002313B0000	PTBT2576A	1STQ002845M0000	1/1
600	600	PTBT5050	1STQ002317B0000	PTBT5050A	1STQ002849M0000	1/1
	800	PTBT5076	1STQ002320B0000	PTBT5076A	1STQ002853M0000	1/1
850	600	PTBT7556	1STQ002324B0000	PTBT7556A	1STQ002857M0000	1/1
	800	PTBT7576	1STQ002326B0000	PTBT7576A	1STQ002861M0000	1/1
1100	600	PTBT1056	1STQ002299B0000	PTBT1056A	1STQ002825M0000	1/1
	800	PTBT1076	1STQ002301B0000	PTBT1076A	1STQ002829M0000	1/1
1350	600	PTBT1256	1STQ002305B0000	PTBT1256A	1STQ002833M0000	1/1
	800	PTBT1276	1STQ002307B0000	PTBT1276A	1STQ002837M0000	1/1
Two rows - Open bottom with gasket						
350	600	PTBT2557	1STQ002312B0000	PTBT2557A	1STQ002842M0000	1/1
	800	PTBT2577	1STQ002314B0000	PTBT2577A	1STQ002846M0000	1/1
600	600	PTBT5057	1STQ002319B0000	PTBT5057A	1STQ002850M0000	1/1
	800	PTBT5077	1STQ002321B0000	PTBT5077A	1STQ002854M0000	1/1
850	600	PTBT7557	1STQ002325B0000	PTBT7557A	1STQ002858M0000	1/1
	800	PTBT7577	1STQ002327B0000	PTBT7577A	1STQ002862M0000	1/1
1100	600	PTBT1057	1STQ002300B0000	PTBT1057A	1STQ002826M0000	1/1
	800	PTBT1077	1STQ002302B0000	PTBT1077A	1STQ002830M0000	1/1
1350	600	PTBT1257	1STQ002306B0000	PTBT1257A	1STQ002834M0000	1/1
	800	PTBT1277	1STQ002308B0000	PTBT1277A	1STQ002838M0000	1/1

CombiLine

Order codes - External cover



With gasket flanges for open bottom/top

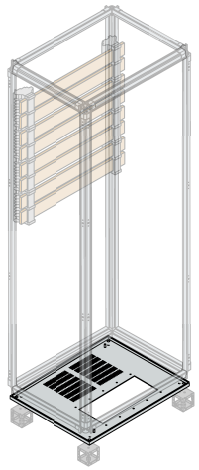
The flanges can be fitted into top/bottom panel with cut out 197x121mm. The cable glands allow to install several cables and ensure the protection of the components within the enclosures. The plastic ones can be easily perforated.

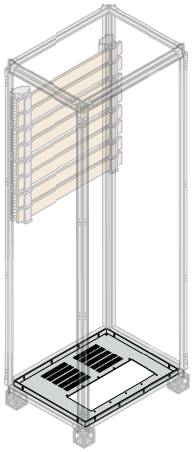
	Delivered in kit		Delivered assembled		Package/
	Type	Order code	Type	Order code	No. pcs
No.1 plastic flange					
Flange for 52 entries	TZ101	2CPX010450R9999	-	-	1/1
Fange 1M63/50 2M32/20	TZ102	2CPX010452R9999	-	-	1/1
Fange 1M63/50 2M32/20	TZ103	2CPX010454R9999	-	-	1/1
Flange 2 cable sleeves	TZ104*	2CPX010456R9999	-	-	1/1
Flange 3 cable sleeves	TZ105	2CPX010457R9999	-	-	1/1
Closing flange	TZ107	2CPX010460R9999	-	-	1/1
Flange 8x13-34mm	TZ110	2CPX010850R9999	-	-	1/1
Flange for 11 entries	TZ111	2CPX010851R9999	-	-	1/1
Flange 1 cable sl. 14-68mm	TZ112*	2CPX010852R9999	-	-	1/1
No.1 sheet steel flange					
Metal flange plate	TZ106	2CPX010458R9999	-	-	1/1
No.10 plastic flanges					
Flange for 52 entries	TZ101P10	2CPX010451R9999	-	-	1/10
Fange 1M63/50 2M32/20	TZ102P10	2CPX010453R9999	-	-	1/10
Fange 1M63/50 2M32/20	TZ103P10	2CPX010455R9999	-	-	1/10
Flange 2 cable sleeves	TZ104P10*	2CPX010932R9999	-	-	1/10
Flange 3 cable sleeves	TZ105P10	2CPX010933R9999	-	-	1/10
Closing flange	TZ107P10	2CPX010461R9999	-	-	1/10
Flange 8x13-34mm	TZ110P10	2CPX010934R9999	-	-	1/10
Flange for 11 entries	TZ111P10	2CPX010935R9999	-	-	1/10
No.10 sheet steel flanges					
Metal flange plate	TZ106P10	2CPX010459R9999	-	-	1/10

* These flanges have dimension greater than the plinth 100mm.

CombiLine

Order codes - External cover





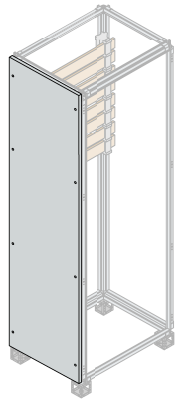
Open top/bottom panel - without gasket

Pickled sheet steel without gasket. to be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
External open top/bottom without gasket						
600	600	PTBB5051	1STQ003373B0000	PTBB5051A	1STQ002795M0000	1/1
	800	PTBB5071	1STQ003374B0000	PTBB5071A	1STQ002798M0000	1/1
	1000	PTBB5091	1STQ003375B0000	PTBB5091A	1STQ002801M0000	1/1
850	600	PTBB7551	1STQ003376B0000	PTBB7551A	1STQ002809M0000	1/1
	800	PTBB7571	1STQ003377B0000	PTBB7571A	1STQ002812M0000	1/1
	1000	PTBB7591	1STQ003378B0000	PTBB7591A	1STQ002815M0000	1/1
1100	600	PTBB1051	1STQ003379B0000	PTBB1051A	1STQ002753M0000	1/1
	800	PTBB1071	1STQ003380B0000	PTBB1071A	1STQ002756M0000	1/1
	1000	PTBB1091	1STQ003381B0000	PTBB1091A	1STQ002759M0000	1/1
1350	600	PTBB1251	1STQ003382B0000	PTBB1251A	1STQ002771M0000	1/1
	800	PTBB1271	1STQ003383B0000	PTBB1271A	1STQ002774M0000	1/1
	1000	PTBB1291	1STQ003384B0000	PTBB1291A	1STQ002777M0000	1/1
Internal open top/bottom without gasket						
350	600	PBWP2551	1STQ004144B0000	PBWP2551A	1STQ001531M0000	1/1
	800	PBWP2571	1STQ004145B0000	PBWP2571A	1STQ001532M0000	1/1
	1000	PBWP2591	1STQ004146B0000	PBWP2591A	1STQ001533M0000	1/1
850	600	PBWP7551	1STQ004156B0000	PBWP7551A	1STQ001545M0000	1/1
	800	PBWP7571	1STQ004157B0000	PBWP7571A	1STQ001546M0000	1/1
	1000	PBWP7591	1STQ004158B0000	PBWP7591A	1STQ001547M0000	1/1
1100	600	PBWP1051	1STQ004160B0000	PBWP1051A	1STQ001520M0000	1/1
	800	PBWP1071	1STQ004161B0000	PBWP1071A	1STQ001521M0000	1/1
	1000	PBWP1091	1STQ004162B0000	PBWP1091A	1STQ001522M0000	1/1
1350	600	PBWP1251	1STQ004166B0000	PBWP1251A	1STQ001528M0000	1/1
	800	PBWP1271	1STQ004167B0000	PBWP1271A	1STQ001529M0000	1/1
	1000	PBWP1291	1STQ004168B0000	PBWP1291A	1STQ001530M0000	1/1

CombiLine

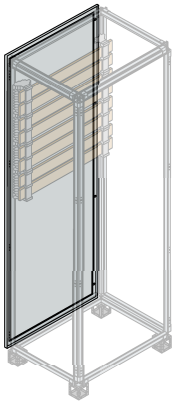
Order codes - External cover



External blind side panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

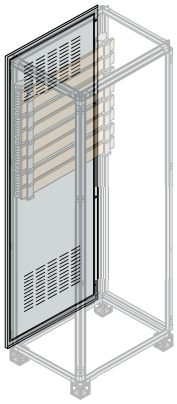
External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind side panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1



External blind rear panel - with gasket

Pickled sheet steel with gasket and plugs with gasket.

External dimensions			Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)		Type	Order code	Type	Order code	No. pcs
Blind rear panel							
2200	350		PPEB2025	1STQ009380A0000	PPEB2025A	1STQ002422M0000	1/1
	600		PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	850		PPEB2075	1STQ009400A0000	PPEB2075A	1STQ002426M0000	1/1
	1100		PPEB2016	1STQ007596A0000	PPEB2016A	1STQ002421M0000	1/1
	1350	right	PPEB2013	1STQ003547B0000	PPEB2013A	1STQ002419M0000	1/1
		left	PPEB2014	1STQ004142B0000	PPEB2014A	1STQ002420M0000	1/1



External aerated rear panel - with gasket

Pickled sheet steel with gasket and ventilation grid.

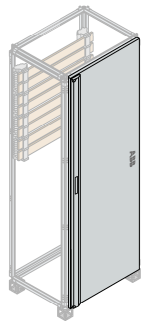
External dimensions			Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)		Type	Order code	Type	Order code	No. pcs
Rear panel aerated							
2200	350		PPEA2025	1STQ003528B0000	PPEA2025A	1STQ002411M0000	1/1
	850		PPEA2076	1STQ003533B0000	PPEA2076A	1STQ002416M0000	1/1
	1100		PPEA2011	1STQ003535B0000	PPEA2011A	1STQ002407M0000	1/1
	1350	right	PPEA2013	1STQ003537B0000	PPEA2013A	1STQ002409M0000	1/1
		left	PPEA2014	1STQ004143B0000	PPEA2014A	1STQ002410M0000	1/1

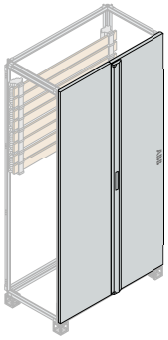
Frame for external door CombiLine structure

Dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Door mounting kit						
2200	350	PEFD3560	1STQ005694B0000			1/1
2200	600	PEFD0600	1STQ006215B0000			1/1
2200	850	PEFD8560	1STQ005700B0000			1/1
2200	1350	PEFD1360	1STQ006216B0000			1/1

CombiLine

Order codes - External cover



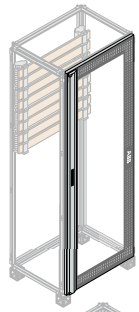


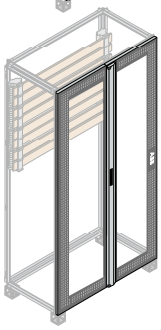
Blind door without lever -with gasket

Pickled sheet steel with gasket. Opens through 135° (single column). Complete with 4 hinges to be screwed onto the uprights, 4 door closing brackets. Doors can be mounted both on the front and on the back of the enclosures. Reinforcing tubes for W>400mm.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Single blind door with gasket						
2200	350	PDLB2028	1STQ003612B0000	PDLB2028A	1STQ001808M0000	1/1
	600	PDLB2057	1STQ003615B0000	PDLB2057A	1STQ001813M0000	1/1
	850	PDLB2078	1STQ003617B0000	PDLB2078A	1STQ001816M0000	1/1
	1100	PDLB2092	1STQ003618B0000	PDLB2092A	1STQ001817M0000	1/1
Double blind door with gasket for structure W=1100mm						
2200	550	PDLB2071	1STQ003609B0000	PDLB2071A	1STQ001814M0000	1/1
	550	PDLB2051	1STQ003608B0000	PDLB2051A	1STQ001812M0000	1/1
Double blind door with gasket for structure W=1350mm						
2200	550	PDLB2071	1STQ003609B0000	PDLB2071A	1STQ001814M0000	1/1
	800	PDLB2077	1STQ003610B0000	PDLB2077A	1STQ001815M0000	1/1

Handles to be ordered separately, see page 2-154.





Glass door without lever - with gasket

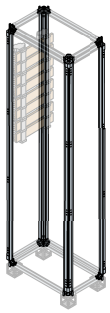
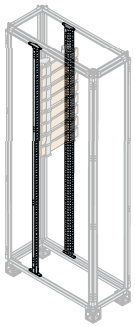
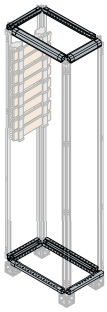
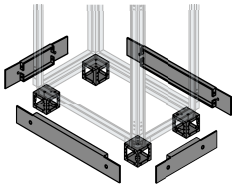
Pickled sheet steel with gasket. Opens through 135° (single column). Complete with 4 hinges to be screwed onto the uprights, 4 door closing brackets. Doors can be mounted both on the front and on the back of the enclosures. Reinforcing tubes for W>400mm.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Single glazed door with gasket						
2200	600	PDLG2057	1STQ003623B0000	PDLG2057A	1STQ001819M0000	1/1
	850	PDLG2078	1STQ003625B0000	PDLG2078A	1STQ001822M0000	1/1
	1100	PDLG2092	1STQ003626B0000	PDLG2092A	1STQ001823M0000	1/1
Double glazed door with gasket for structure W=1100mm						
2200	550	PDLG2071	1STQ003620B0000	PDLG2071A	1STQ001820M0000	1/1
	550	PDLG2051	1STQ003619B0000	PDLG2051A	1STQ001818M0000	1/1
Double glazed door with gasket for structure W=1350mm						
2200	550	PDLG2071	1STQ003620B0000	PDLG2071A	1STQ001820M0000	1/1
	800	PDLG2077	1STQ003621B0000	PDLG2077A	1STQ001821M0000	1/1

—

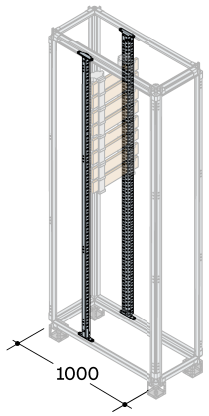
Handles to be ordered separately, see page 2-154.

External cable compartment
Quick selection guide

Functional dimensions			External dimensions			FRAME								
						Uprights		Intermadiate uprights for internal mounting busbars*		Structure crosspieces Galvanized sheet metal		H=100mm plinth	Plinth flanges	
H (mm)	W (mm)	D (mm)	H (mm)	W (mm)	D (mm)	Galvanized sheet metal	Stainless steel	Galvanized sheet metal	Stainless steel	Front/Rear	Side	Angle pieces	Front/ Rear	Side
		500			600						PCFM0500			PPFM1050
	300	700		400	800					PCFM0300	PCFM0700	PPAM0100	PPFM1030	PPFM1070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090
		500			600						PCFM0500			PPFM1050
2000	400	700	2100	500	800	PUPM2001	PUPM2002			PCFM0400	PCFM0700	PPAM0100	PPFM1040	PPFM1070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090
		500			600						PCFM0500			PPFM1050
	500	700		600	800					PCFM0500	PCFM0700	PPAM0100	PPFM1050	PPFM1070
		900			1000			PUPM2011	PUPS2011		PCFM0900			PPFM1090

—
* For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

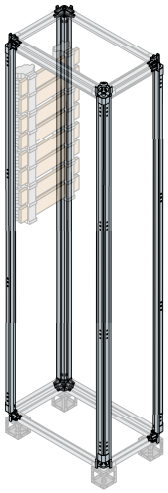




EXTERNAL COVERS

Top/bottom panels	Side panel	Rear panel		Doors without lever	Lever codes, to be added for each door		
Blind	**Side panel Blind**	**Areated**	**Blind**	**Blind**	**Standard lever without push-button**	**Lever for semi-cylinder insert**	**Padlockable lever handle**
PTBB3050	PPEB2056						
PTBB3070	PPEB2076	PPEA2091	PPEB2036	PDLB2031			
PTBB3090	PPEB2096						
PTBB4050	PPEB2056						
PTBB4070	PPEB2076	PPEA2041	PPEB2046	PDLB2041	PHLS0013	PHLS0012	PHLS0011
PTBB4090	PPEB2096						
PTBB5057	PPEB2056						
PTBB5070	PPEB2076	PPEA2051	PPEB2056	PDLB2057			
PTBB5090	PPEB2096						

External cable compartment
Order codes - Frame



Uprights – Galvanized sheet metal
Upright formed by a closed profile made of galvanized sheet metal. The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In ≤4000A.

External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.4 galvanized sheet metal uprights					
2200	PUPM2000	1STQ007034A0000	PUPM2000A	1STQ002874M0000	1/4

Uprights – Stainless steel
The uprights include 8 already assembled 3-way joints, 8 already assembled axial screws and 16 loose axial screws. For applications with In >4000A.

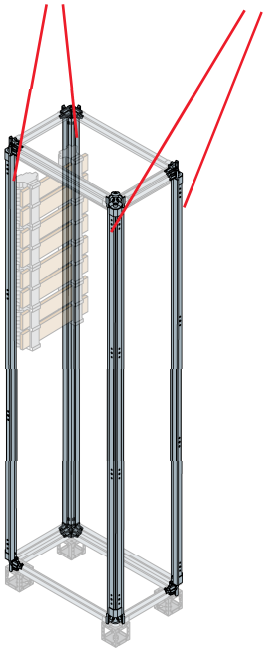
External dimensions H (mm)	Delivered in kit		Delivered assembled		Package/ No. pcs
	Type	Order code	Type	Order code	
No.2 stainless steel uprights and no.2 galvanized sheet metal uprights					
2200	PUPM2002	1STQ002032B0000	PUPM2002A	1STQ002876M0000	1/4

Examples of use

Galvanized sheet metal In ≤4000A

PUPM2000
Metal sheet

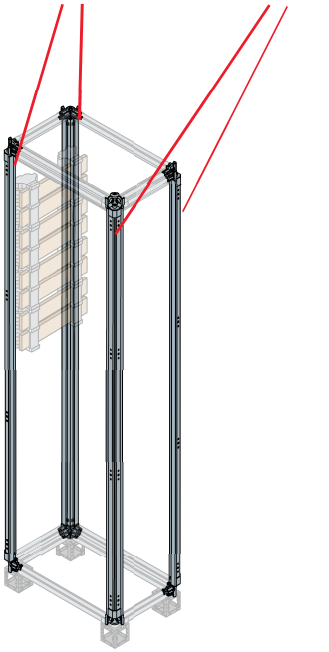
Metal sheet



Uprights for enclosure In>4000A

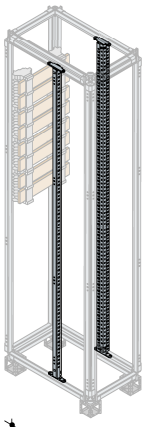
PUPS2002
Stainless steel
(AISI304)

Metal sheet



External cable compartment

Order codes - Frame

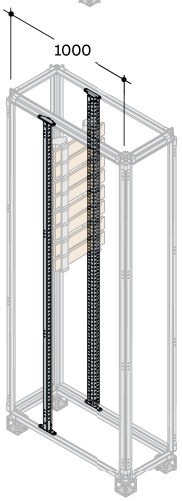


Intermediate upright for internal mounting kits and busbars – Galvanized sheet metal

Upright formed by a closed profile made of galvanized sheet metal. For applications with In ≤4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 galvanized sheet metal upright					
2200	PUPM2011	1STQ003355B0000	PUPM2011A	1STQ002877M0000	1/1

For structures external D = 1000mm it is mandatory the mounting of PUPM2011 upright also in rear position.

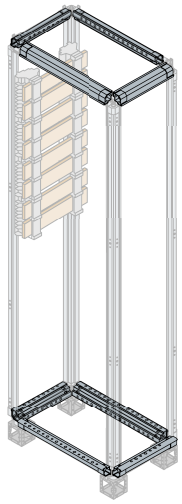


Intermediate upright for internal mounting kits and busbars – Stainless steel

Upright formed by a closed profile made of stainless steel. For applications with In >4000A.
For D=600 and 800mm order 2 pcs. For D=1000 order 4 pcs.

External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.1 stainless steel metal upright					
2200	PUPS2011	1STQ003703B0000	PUPS2011A	1STQ002879M0000	1/1

For structures external D = 1000mm it is mandatory the mounting of PUPS2011 upright also in rear position.



Structure crosspieces – Galvanized sheel metal

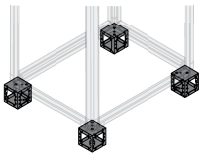
Depth and width crosspieces for structures in galvanized sheet metal.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 width crosspieces						
400		PCFM0300	1STQ007037A0000	PCFM0300A	1STQ001678M0000	1/4
500		PCFM0400	1STQ007038A0000	PCFM0400A	1STQ001679M0000	1/4
600		PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
No.4 depth crosspieces						
	600	PCFM0500	1STQ007039A0000	PCFM0500A	1STQ001680M0000	1/4
	800	PCFM0700	1STQ007046A0000	PCFM0700A	1STQ001681M0000	1/4
	1000	PCFM0900	1STQ007047A0000	PCFM0900A	1STQ001683M0000	1/4

External cable compartment

Order codes - Frame

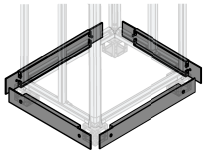
PPAM0100



Universal angle pieces for plinths in galvanized sheet metal

Not pre-assembled to the structure. New angle piece with high mechanical strength. Can be fixed from the outside and from the inside of the structure even at a later date. Equipped with anti-rotation system and bottom that can be transported with a transpallet.

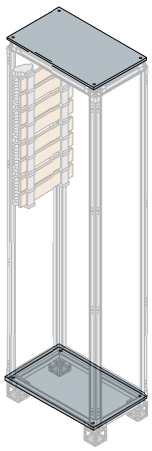
External dimensions H (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.4 plinth angle pieces					
100	PPAM0100	1STQ007048A0000	PPAM0100A	1STQ002406M0000	1/4



Plinth flanges

Side and front/rear plinth flanges H=100mm RAL 7012.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
No.2 front/rear plinth flanges						
400		PPFM1030	1STQ007050A0000	PPFM1030A	1STQ002431M0000	1/2
500		PPFM1040	1STQ007051A0000	PPFM1040A	1STQ002432M0000	1/2
600		PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
No.2 side plinth flanges						
	600	PPFM1050	1STQ007052A0000	PPFM1050A	1STQ002433M0000	1/2
	800	PPFM1070	1STQ007059A0000	PPFM1070A	1STQ002434M0000	1/2
	1000	PPFM1090	1STQ007060A0000	PPFM1090A	1STQ002436M0000	1/2



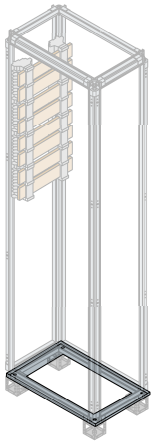
Blind Top/Bottom - without gasket

Pickled sheet steel without gasket. The article comprises one single component that can be used as either a top or bottom. In order to purchase both the top and the bottom, please order two quantities of the same code or two different top/bottom codes according to the desired design of the structure. The code includes four M12x20 screws.

External dimensions W (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Blind Top/Bottom						
400	600	PTBB3050	1STQ007109A0000	PTBB3050A	1STQ002785M0000	1/1
	800	PTBB3070	1STQ007110A0000	PTBB3070A	1STQ002786M0000	1/1
	1000	PTBB3090	1STQ007111A0000	PTBB3090A	1STQ002787M0000	1/1
500	600	PTBB4050	1STQ007114A0000	PTBB4050A	1STQ002788M0000	1/1
	800	PTBB4070	1STQ007115A0000	PTBB4070A	1STQ002790M0000	1/1
	1000	PTBB4090	1STQ007116A0000	PTBB4090A	1STQ002792M0000	1/1
600	600	PTBB5057	1STQ009407A0000	PTBB5057A	1STQ002796M0000	1/1
	800	PTBB5070	1STQ009435A0000	PTBB5070A	1STQ002797M0000	1/1
	1000	PTBB5090	1STQ001283B0000	PTBB5090A	1STQ002800M0000	1/1

External cable compartment

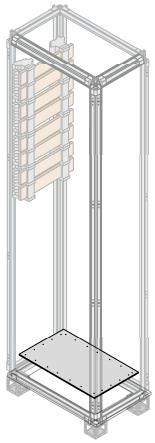
Order codes - Frame



Open top/bottom external panel - without gasket

Pickled sheet steel without gasket. to be completed with fixed incoming cable entry flanges.

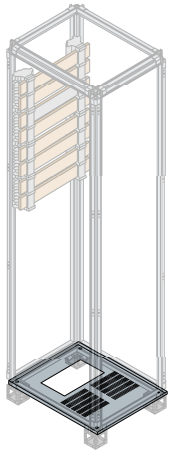
External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Open top/bottom						
400	600	PTBO3050	1STQ007137A0000	PTBO3050A	1STQ002822M0000	1/1
	800	PTBO3070	1STQ007138A0000	PTBO3070A	1STQ002823M0000	1/1
	1000	PTBO3090	1STQ007139A0000	PTBO3090A	1STQ002824M0000	1/1



Fixed incoming cable flange

Fixed incoming cable flange in sheet metal to use in conjunction with the open bottom to guarantee IP41 protection class. With internal cable compartment crosspieces it is necessary to mount the fixed flange first.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Fixed incoming cable flange						
400	600	PFCF3050	1STQ007660A0000	PFCF3050A	1STQ001888M0000	1/1
	800	PFCF3070	1STQ007661A0000	PFCF3070A	1STQ001889M0000	1/1
	1000	PFCF3090	1STQ007662A0000	PFCF3090A	1STQ001890M0000	1/1



Aerated top/bottom external panel - without gasket

Pickled sheet steel without gasket. to be completed with cable entry flanges, see page 2-155.

External dimensions		Delivered in kit		Delivered assembled		Package/
W (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated top/bottom						
500	600	PTBB4051	1STQ003370B0000	PTBB4051A	1STQ002789M0000	1/1
	800	PTBB4071	1STQ003371B0000	PTBB4071A	1STQ002791M0000	1/1
	1000	PTBB4091	1STQ003372B0000	PTBB4091A	1STQ002793M0000	1/1
600	600	PTBB5051	1STQ003373B0000	PTBB5051A	1STQ002795M0000	1/1
	800	PTBB5071	1STQ003374B0000	PTBB5071A	1STQ002798M0000	1/1
	1000	PTBB5091	1STQ003375B0000	PTBB5091A	1STQ002801M0000	1/1

External cable compartment

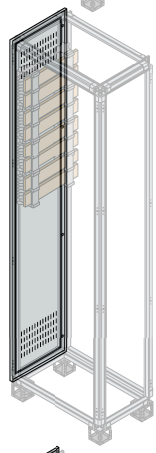
Order codes - Frame



Blind side panel - without gasket

Pickled sheet steel without gasket. The code refers to one single side panel.

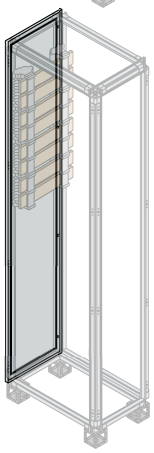
External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Blind side panel						
2200	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1
	800	PPEB2076	1STQ008107A0000	PPEB2076A	1STQ002427M0000	1/1
	1000	PPEB2096	1STQ008108A0000	PPEB2096A	1STQ002428M0000	1/1



External aerated rear panel - with gasket

Pickled sheet steel with gasket and ventilation grid and ventilation grid.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	D (mm)	Type	Order code	Type	Order code	No. pcs
Aerated rear panel						
2200	400	PPEA2031	1STQ003529B0000	PPEA2031A	1STQ002412M0000	1/1
	500	PPEA2041	1STQ003530B0000	PPEA2041A	1STQ002413M0000	1/1
	600	PPEA2051	1STQ003531B0000	PPEA2051A	1STQ002414M0000	1/1



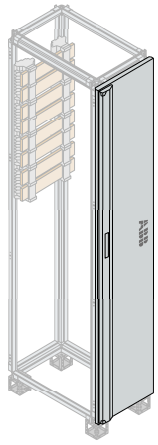
External blind rear panel - with gasket

Pickled sheet steel with gasket. The code refers to one single side panel.

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Blind rear panel						
2200	400	PPEB2036	1STQ007589A0000	PPEB2036A	1STQ002423M0000	1/1
	500	PPEB2046	1STQ007590A0000	PPEB2046A	1STQ002424M0000	1/1
	600	PPEB2056	1STQ008106A0000	PPEB2056A	1STQ002425M0000	1/1

External cable compartment

Order codes - Frame

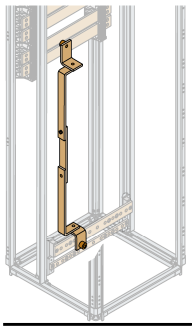


Doors without lever - without gasket

External dimensions		Delivered in kit		Delivered assembled		Package/
H (mm)	W (mm)	Type	Order code	Type	Order code	No. pcs
Single blind door						
2200	400	PDLB2031	1STQ003606B0000	PDLB2031A	1STQ001809M0000	1/1
	500	PDLB2041	1STQ003607B0000	PDLB2041A	1STQ001810M0000	1/1
	600	PDLB2057	1STQ003615B0000	PDLB2057A	1STQ001813M0000	1/1

Handles to be ordered separately, see page 2-154.

Central Earthing Point

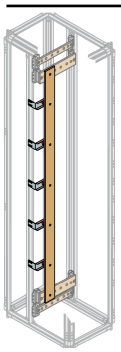
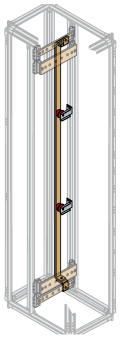


MBB rating In(A) up to	Busbar section (mm)	No. of pole	D (mm)	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
2000A	1x30x10	4P	600	PCEP132600	1STQ005675B0000	PCEP132600A	1STQ002963M0000	1/1
3200A	1x40x10	4P		PCEP142600	1STQ005676B0000	PCEP142600A	1STQ002964M0000	1/1
4000A	1x60x10	4P		PCEP162600	1STQ005677B0000	PCEP162600A	1STQ002965M0000	1/1
6300A	2x60x10	4P		PCEP262600	1STQ005678B0000	PCEP262600A	1STQ002966M0000	1/1
2000A	1x30x10	4P	800	PCEP132680	1STQ005679B0000	PCEP132680A	1STQ002967M0000	1/1
3200A	1x40x10	4P	1000	PCEP142680	1STQ005680B0000	PCEP142680A	1STQ002968M0000	1/1
4000A	1x60x10	4P		PCEP162680	1STQ005681B0000	PCEP162680A	1STQ002969M0000	1/1
6300A	2x60x10	4P		PCEP262680	1STQ005682B0000	PCEP262680A	1STQ002970M0000	1/1

External cable compartment

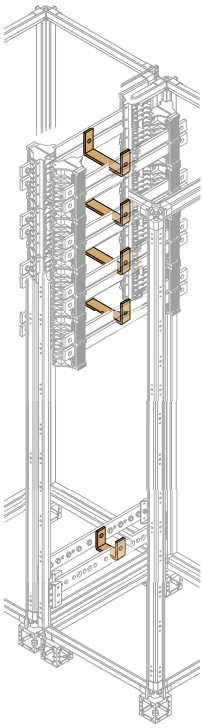
Order codes - Frame

Off-center connnection

	MBB rating In(A)	Busbar section (mm)	D (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Off-center connnection N to N								
	1000/1250A	1x30x10	600	POCN131260	1STQ005683B0000	POCN131260A	1STQ002971M0000	1/1
	1600A	1x40x10	800	POCN141260	1STQ005684B0000	POCN141260A	1STQ002972M0000	1/1
	2000A	1x60x10	1000	POCN161260	1STQ005685B0000	POCN161260A	1STQ002973M0000	1/1
	2500/3200A	1x80x10		POCN181260	1STQ005686B0000	POCN181260A	1STQ002974M0000	1/1
	4000A	2x60x10		POCN261260	1STQ005687B0000	POCN261260A	1STQ002975M0000	1/1
	5000A	3x60x10		POCN361260	1STQ005688B0000	POCN361260A	1STQ002976M0000	1/1
	6300A	3x80x10		POCN381260	1STQ005689B0000	POCN381260A	1STQ002977M0000	1/1
Off-center connnection PE to PE								
	2000A	1x30x10	600	POCN131261	1STQ005690B0000	POCN131261A	1STQ002978M0000	1/1
	3200A	1x40x10	800	POCN141261	1STQ005691B0000	POCN141261A	1STQ002979M0000	1/1
	4000A	1x60x10	1000	POCN161261	1STQ005692B0000	POCN161261A	1STQ002980M0000	1/1
	6300A	2x60x10		POCN261261	1STQ005693B0000	POCN261261A	1STQ002981M0000	1/1

External cable compartment

Order codes - Frame



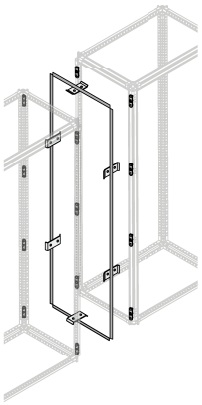
Back to back CU/PE

Description	Dimensions (mm) D	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
Back to back CU 1000/1250A	600/800	PBBB6812	1STQ007879B0000			1/1
Back to back CU 1600/2000A	600/800	PBBB6862	1STQ007880B0000			1/1
Back to back CU 2500/3200A	600/800	PBBB6823	1STQ007881B0000			1/1
Back to back CU 4000A	600/800	PBBB6840	1STQ007882B0000			1/1
Back to back PE-CU	600/800	PBBB6850	1STQ007883B0000			1/1
Back to back CU 1000/1250A	1000	PBBB1012	1STQ007884B0000			1/1
Back to back CU 1600/2000A	1000	PBBB1062	1STQ007885B0000			1/1
Back to back CU 2500/3200A	1000	PBBB1023	1STQ007886B0000			1/1
Back to back CU 4000A	1000	PBBB1040	1STQ007887B0000			1/1
Back to back PE-CU	1000	PBBB1050	1STQ007888B0000			1/1

Segregation back to back column

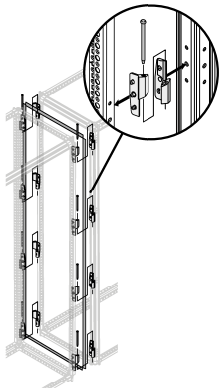
Description	Dimensions W (mm)	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Segregation back to back	500	PPVS2040	1STQ008236B0000			1/1
Segregation back to back	600	PPVS2050	1STQ008237B0000			1/1

Common Joining kits and accessories
Order codes



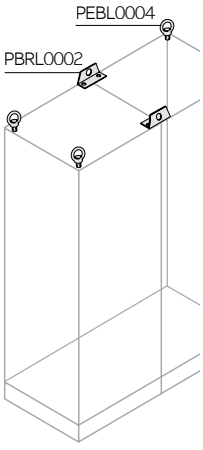
Kit for joining structures
The kit for joining structures is composed of different brackets and a gasket for the maintenance of the IP protection degree and allows both a side-by-side joining of structures.

	Delivered in kit		Delivered assembled		Package/
Description	Type	Order code	Type	Order code	No. pcs
Kit for joining structures	PSBS0065	1STQ008113A0000	-	-	1/8



External kit for joining structures
The kit for joining structures is composed of different brackets and a gasket for the maintenance of the IP protection degree and allows both a side-by-side joining of structures.

	Delivered in kit		Delivered assembled		Package/
Description	Type	Order code	Type	Order code	No. pcs
External kit for joining structures	PSES0008	1STQ001589B0000	-	-	1/16



Eyebolts for lifting
Allow wired switchboards to be lifted. Made of steel treated with a white passivated galvanizing process.

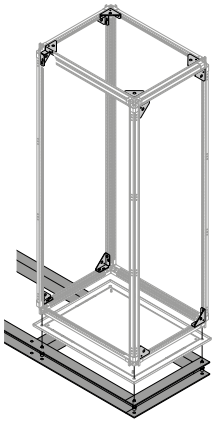
Description	Type	Order code	Pkg/ No. pcs
No.4 steel M12 eyebolts	PEBL0004	1STQ008112A0000	1/4

Lifting reinforcements
Used for handling several adjacent switchboards.

Description	Type	Order code	Pkg/ No. pcs
No.2 lifting reinforcements for adjacent switchboards	PBRL0002	1STQ008116A0000	1/2

Common Joining kits and ccessories

Order codes



NEW Anti-seismic kit

Anti-seismic is an important thematic which is proper implemented in ABB by testing product solutions that meet the growing security demands and requirements from different markets.

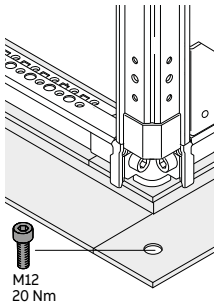
Cabinet without specific accessories

According to standards EC 60068-2-57 - IEEE Std 693	According to Seismic Zone IEC 68-3-3	Magnitude according to Richter scale	Intensity according to Mercalli scale
Resistance capacity up to 0.5 g	Zone 4	7	9

Cabinet with specific accessories PRAS0012 + reinforced base compartment PPUN0100

According to standards IEC 60068-2-57 - IEEE Std 693	According to Seismic Zone IEC 68-3-3	Magnitude according to Richter scale	Intensity according to Mercalli scale
Resistance capacity up to 0.75 g	Zone 4	7.5	10

* The references to the intensity scales are indicative.



Order code for solution >0,75g

Description	Delivered in kit Type	Delivered in kit Order code	Delivered assembled Type	Delivered assembled Order code	Package/ No. pcs
Antiseismic plinth H=100mm joining structure*	PPUN0100	1STQ002089B0000	PPUN0100A	1STQ003532M0000	1/1
No.12 antiseismic reinforcement kits	PRAS0012	1STQ002088B0000	PRAS0012A	1STQ003533M0000	1/12

*The drawing of the front view of the enclosure battery must always be enclosed, specifying the width, depth and sequence of the enclosure for each column. Unit of measurement for the order: METRE.

After the seismic event in the defined limits and conditions, it is guaranteed:

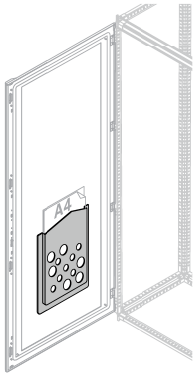
- No collapse of the structure.
- Operation of the switchboard after the earthquake.
- Maintaining of the mechanical characteristics, IP and IK.

Some suggestions are provided in order to increase the capability of the switchboard to withstand to a seismic event:

- It is better to distribute the weight at the bottom of the switchboard.
- Tighten the structure, by segregating it or by increasing the number of busbar holders.
- Fixing of floor structure with M12 class 8.8 screws.
- Avoid fixing the frame to the wall, possibly keeping a distance of 600mm to avoid the “hammer” effect during the earthquake, if there is no space make sure the wall is structured for fastening.
- Give maintenance instructions, for example after a seismic event of 0.5g check the tightening torques.
- Busways can compromise stability.
- If it is possible, it is better to reduce height dimension of the enclosure.
- Two structures side by side carry more than a single one.
- The lifting bar strengths the structure. If you have a cable feed, expect an additional length in the cables.

Common Joining kits and ccessories

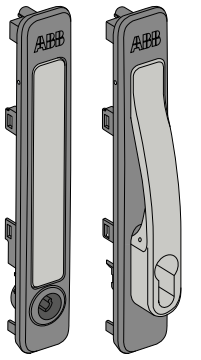
Order codes

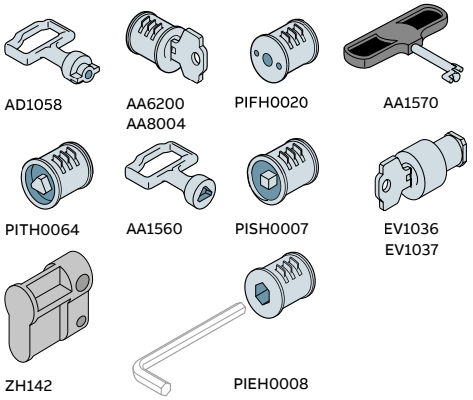


Plastic pocket for documents

Complete with adheseve parts for fixing to the door.

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Plastic pocket for A4 documents	ZA13	2CPX038233R9999	-	-	1/1





Levers and inserts

The lever is not included in the door's code, it must be always ordered in addition to the door. The inserts are interchangeable and can be easily replaced.

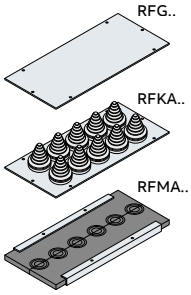
Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
Handle					
Lever handle [1]	PHLS0013	1STQ002334B0000	PHLS0013A	1STQ001915M0000	1/1
Lever semicylinder inserts (40mm)	PHLS0012	1STQ002283B0000	PHLS0012A	1STQ001914M0000	1/1
Padlockable lever handle [2]	PHLS0011	1STQ002282B0000	PHLS0011A	1STQ001913M0000	1/1
Inserts and keys that can be fitted into PHLS0013, PHLS0011					
Yale insert+key for external door, single door version	AA6200	1STQ009135A0000	-	-	1/1
E739 ronis insert+key for external door, single door version	AA8004	1STQ009136A0000	-	-	1/1
FIAT type insert for lever handle	PIFH0020	1STQ008122A0000	-	-	1/1
FIAT key	AA1570	1STQ009137A0000	-	-	1/1
6.4 triangular male insert on Ø 7.6 for external door, single door version	PITH0064	1STQ008119A0000	-	-	1/1
Key for triangular insert	AA1560	1STQ009138A0000	-	-	1/1
7 square male insert for external door, single door version	PISH0007	1STQ008120A0000	-	-	1/1
Insert 8mm hex socket type for standard handle (Key not available)	PIEH0008	1STQ008121A0000	-	-	1/1
Double tab insert for closing handle/box (spare) [3]	PIDH0010	1STQ008118A0000	-	-	1/1
Key zama for double tab insert (spare) [4]	AD1058	1STQ009134A0000	-	-	1/1
Ronis 405 insert and key for standard handle	PIRH0405	1STQ008123A0000	-	-	1/1
Ronis insert 2432 and key for standard handle	PIRH2432	1STQ002030B0000	-	-	1/1
Ronis 455 insert and key for standard handle	PIRH0455	1STQ008124A0000	-	-	1/1
Ronis 1242 insert and key for standard handle	PIRH1242	1STQ008125A0000	-	-	1/1
Insert that can be fitted into PHLS0012					
Dummy insert (instead of a semi-cylinder)	ZH142	2CPX060502R9999	-	-	1/1

—

[1] The lever can be operated only using the key. With 3 mm double bit insert included.
[2] For padlok up to 8 mm diameter. With 3 mm double bit insert included.
[3] This insert is the one already included in PHLS0013 and PHLS0011.
[4] This key is the one already included in PHLS0013 and PHLS0011.

Common Joining kits and ccessories

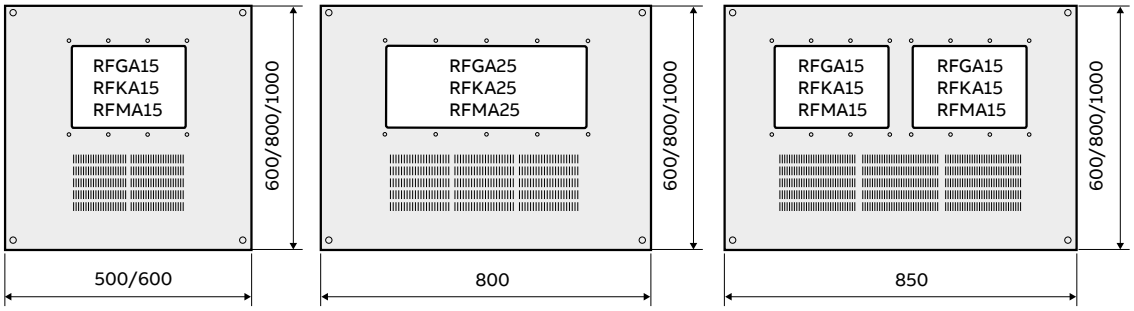
Order codes

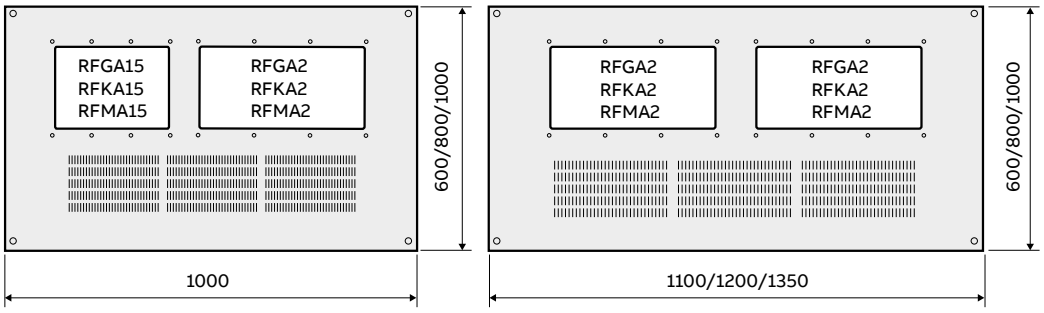


TriLine flanges for open bottom/top

Description	Flange (mm) H	W	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Package/ No. pcs
Aluminium closed flanges	200	470	RFGA2	2CPX021408R9999	RFGA2A	2CPX021390R9999	1/1
		345	RFGA15	2CPX021407R9999	RFGA15A	2CPX021389R9999	1/1
		595	RFGA25	2CPX021409R9999	RFGA25A	2CPX021391R9999	1/1
Aluminium flanges with cable sleeves 14-68mm	200	470	RFKA2	2CPX021414R9999	RFKA2A	2CPX021396R9999	1/1
		345	RFKA15	2CPX021413R9999	RFKA15A	2CPX021395R9999	1/1
		595	RFKA25	2CPX021415R9999	RFKA25A	2CPX021397R9999	1/1
Flanges with rubber for cables	200	470	RFMA2	2CPX021420R9999	RFMA2A	2CPX021402R9999	1/1
		345	RFMA15	2CPX021419R9999	RFMA15A	2CPX021401R9999	1/1
		595	RFMA25	2CPX021421R9999	RFMA25A	2CPX021403R9999	1/1

Examples of uses





Common Joining kits and ccessories

Order codes

Lighting and signalling devices

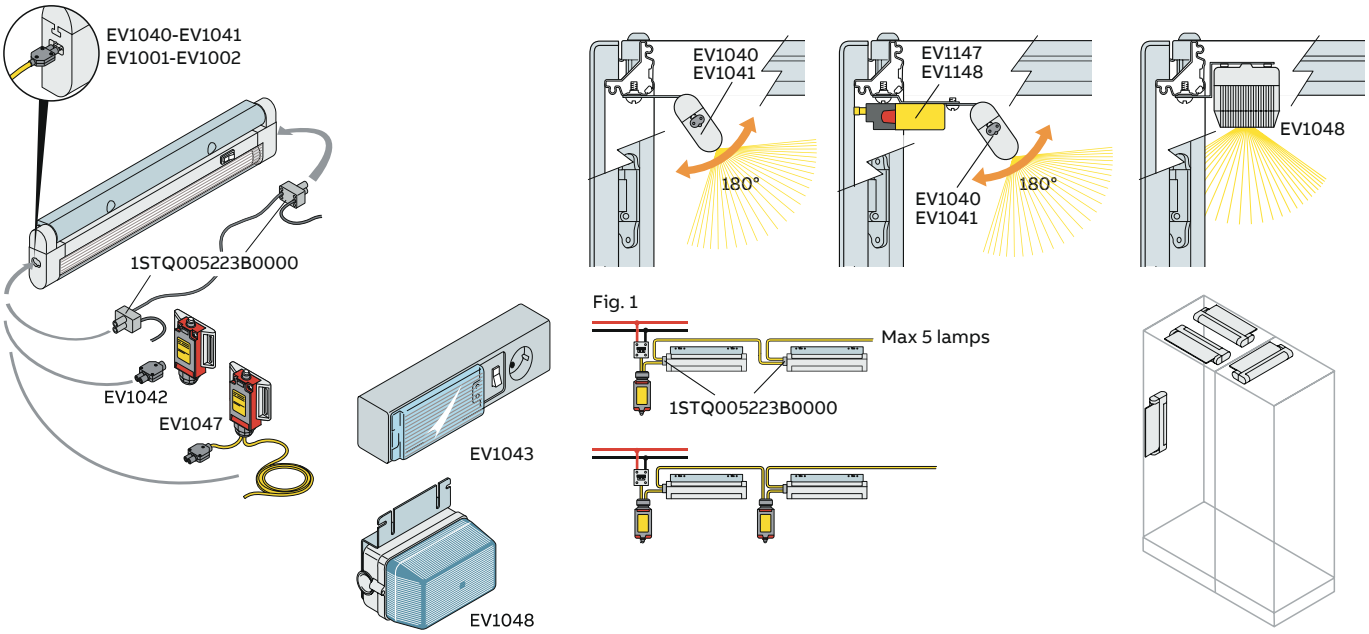
Led electronic lamp/fluorescent lamps

The electronic led lamps 3.6 W and 6.5 W and fluorescent lamps 8 W and 13 W are complete with mounting brackets and can be integrated with devices for voltage indicator.

The lamps have the following characteristics:

- Rotatable 180 degrees on the axis of the aluminum bracket
- Possibility of being mounted in series up to 5 elements (Fig. 1), the chain of lamps can be controlled by a single micro switch simplifying the installation and reducing the number of cables for connecting of the elements.

Moreover, the conformation of the electronic led lamps provides a very wide light emission and an increase of 70% compared to traditional lamps. So a lamp 8W is comparable with a 14W, and 13W with a version from 18/21W.



Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
Led electronic lamp					
Led electronic lamp 3,6W-24V AC/DC L=342mm	EV1001	1STQ006855A0000	-	-	1/1
Led electronic lamp 6,5W-24V AC/DC L=574mm	EV1002	1STQ006856A0000	-	-	1/1
Fluorescent lamps					
Fluorescent lamp 8W-220/240V L=342mm	EV1040	1STQ000977A0000	-	-	1/1
Fluorescent lamp 13W-220/240V L=574mm	EV1041	1STQ000978A0000	-	-	1/1
Fluorescent lamp + socket 11W-230V L=355mm, complete with magnetic support	EV1043	1STQ000979A0000	-	-	1/1
Lamp holder					
Lamp holder E27 220V max 60W (without lamp)	EV1048	1STQ003661A0000	-	-	1/1

Accessories for lamps

Description	Delivered in kit Type	Order code	Delivered assembled Type	Order code	Pkg/ No. pcs
System for positioning limit switch + connector (to be cabled) No.2 NC contacts	EV1042	1STQ003343A0000	-	-	1/1
No.5 universal bipolar power connectors	EV5223	1STQ005223B0000	-	-	
Two-pole cable L=10 metres	EV1045	1STQ003345A0000	-	-	1/1
Limit switch and cabled two-pole connector	EV1047*	1STQ003346A0000	-	-	1/1

* There are two cables L=1900mm and L=380mm in the pack.

Chapter 3
Technichal details and certification

3–2 **According to IEC 61439**

3–11 **Anti-seismic withstand**

3–18 **Mechanical and electrical characteristic**

3–20 **Power dissipated**

3–26 **Electrical continuity granted up to 10A**

3–28 **Conductors**

3–29 **Ordinary and extraordinary maintainance**

3–32 **Special painting and Instruction manuals**

3–33 **Declaration of conformity**

3–34 **Handling**

3–38 **IP protection class**

3–40 **Mechanical shock resistance IK**

3–41 **Segregations**

3–42 **Specification**

Technical details and certifications
According to IEC 61439-1/2

As from November 1st, 2014, the IEC 61439-1 and IEC 61439-2 Standards are to be used for the construction and specification of low voltage assemblies (e.g.: Power Centers and secondary distribution switchboards).

IEC 61439-1 includes all the rules and general prescriptions applicable to the protective and switching assemblies in low voltage (LV assemblies).This Standard deals with the definitions and establishes service conditions, construction rules, technical characteristics and verification prescriptions for LV assemblies (U ≤ 1000 V a.c or U ≤ 1500 V d.c.). Part 1 cannot be used alone to specify an assembly or to determine its compliance with the Standard, but it has to be used together with the specific product Standard. For System pro E power, the specific product Standard is IEC 61439-2 that deals with “Power switchgear and controlgear assemblies” and is used for the assembly designation marking.
The whole of these two Standards identifies the design and testing requirements as regards the industrialization of the product and the tests to be performed to ensure its performances.

A significant change introduced by the IEC 61439 series has been the elimination of the distinction between type-tested assemblies (TTA) and partially type-tested assemblies (PTTA), replaced with the concept of design verification.

IEC 61439-1 defines as “design verification” a verification made on a sample of an assembly or on parts of assemblies to show that the design meets the requirements of the relevant assembly standard.

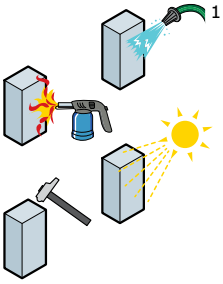
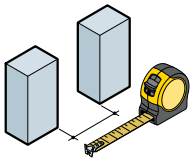
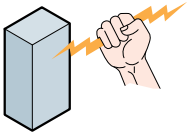
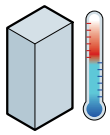
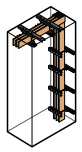
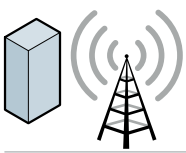
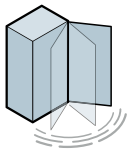
In particular, the Standard admits three different but equivalent methods to verify the compliance of the design with the Standard,
namely:

- verification by laboratory testing (previously defined type-tests and now verification tests); or
- verification by comparison with a tested reference design; or
- verification by assessment (verification through design rules, appropriate safety margins, calculation etc.).

The different characteristics (e.g.: temperature-rise, short-circuit withstand strength, insulation, degree of protection, etc.) can be verified using these three methods according to Annex D of the IEC 61439-1 (see Table 1) that prescribes , for each characteristics to be verified, which of the three verification options can be used.



Table 1 – List of design verifications to be performed.

	No.	Characteristic	Clauses or subclauses	Verification options available		
				Testing	Comparison with a reference design	Assessment
	1	Strength of material and parts:	10.2			
		Resistance to corrosion	10.2.2	YES	NO	NO
		Properties of insulating materials	10.2.3			
		Thermal stability	10.2.3.1	YES	NO	NO
		Resistance to abnormal heat and fire due to internal electric effects	10.2.3.2	YES	NO	YES
		Resistance to ultra-violet (UV) radiation	10.2.4	YES	NO	YES
		Lifting	10.2.5	YES	NO	NO
		Mechanical impact	10.2.6	YES	NO	NO
		Marking	10.2.7	YES	NO	NO
	2	Degree of protection of enclosures	10.3	YES	NO	YES
	3	Clearances	10.4	YES	NO	NO
	4	Creepage distances	10.4	YES	NO	NO
	5	Protection against electric shock and integrity of protective circuits:	10.5			
		Effective continuity between the exposed conductive parts of the assembly	10.5.2	YES	NO	NO
		and protective circuit	10.5.3	YES	YES	NO
	6	Incorporation of switching devices and components	10.6	NO	NO	YES
	7	Internal electrical circuits and connections	10.7	NO	NO	YES
	8	Terminals for external conductors	10.8	NO	NO	YES
	9	Dielectric properties:	10.9			
		Power-frequency withstand voltage	10.9.2	YES	NO	NO
		Impulse withstand voltage	10.9.3	YES	NO	YES
	10	Temperature-rise limits	10.10	YES	YES	YES
	11	Short-circuit withstand strength	10.11	YES	YES	NO
	12	Electromagnetic compatibility (EMC)	10.12	YES	NO	YES
	13	Mechanical operation	10.13	YES	NO	NO

For the end user, the method used is irrelevant, provided that the assembly design has been verified according to Table 1.

Technical details and certifications

According to IEC 61439-1/2

The Standard IEC 61439-1 defines the two roles of the “Original manufacturer” and the “ASSEMBLY manufacturer”.

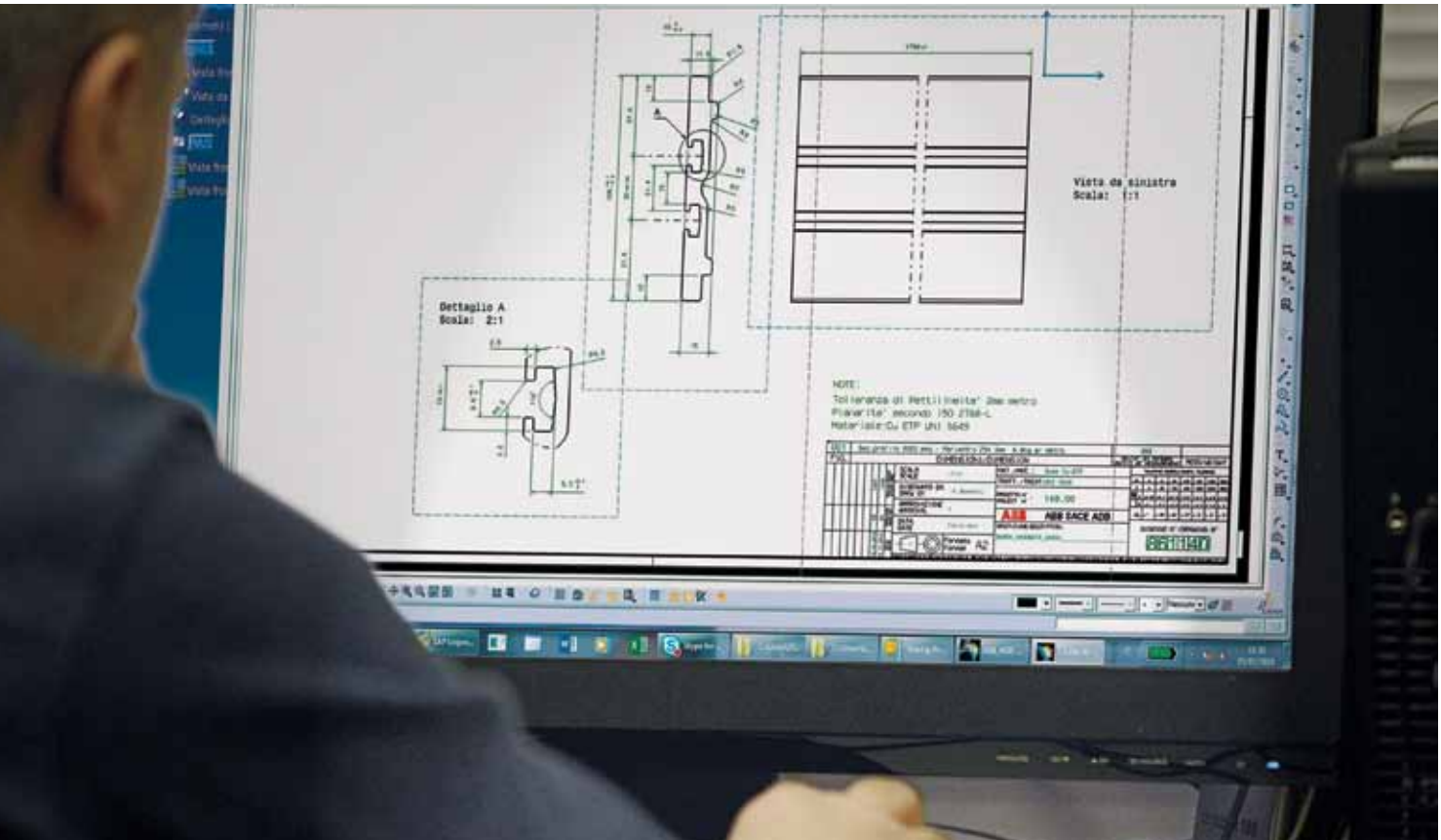
The “Original manufacturer” is the organization (e.g. ABB SACE) that has carried out the original design and the associated verification of an assembly, in accordance with the relevant assembly standard (IEC 61439-2 for System pro E power).

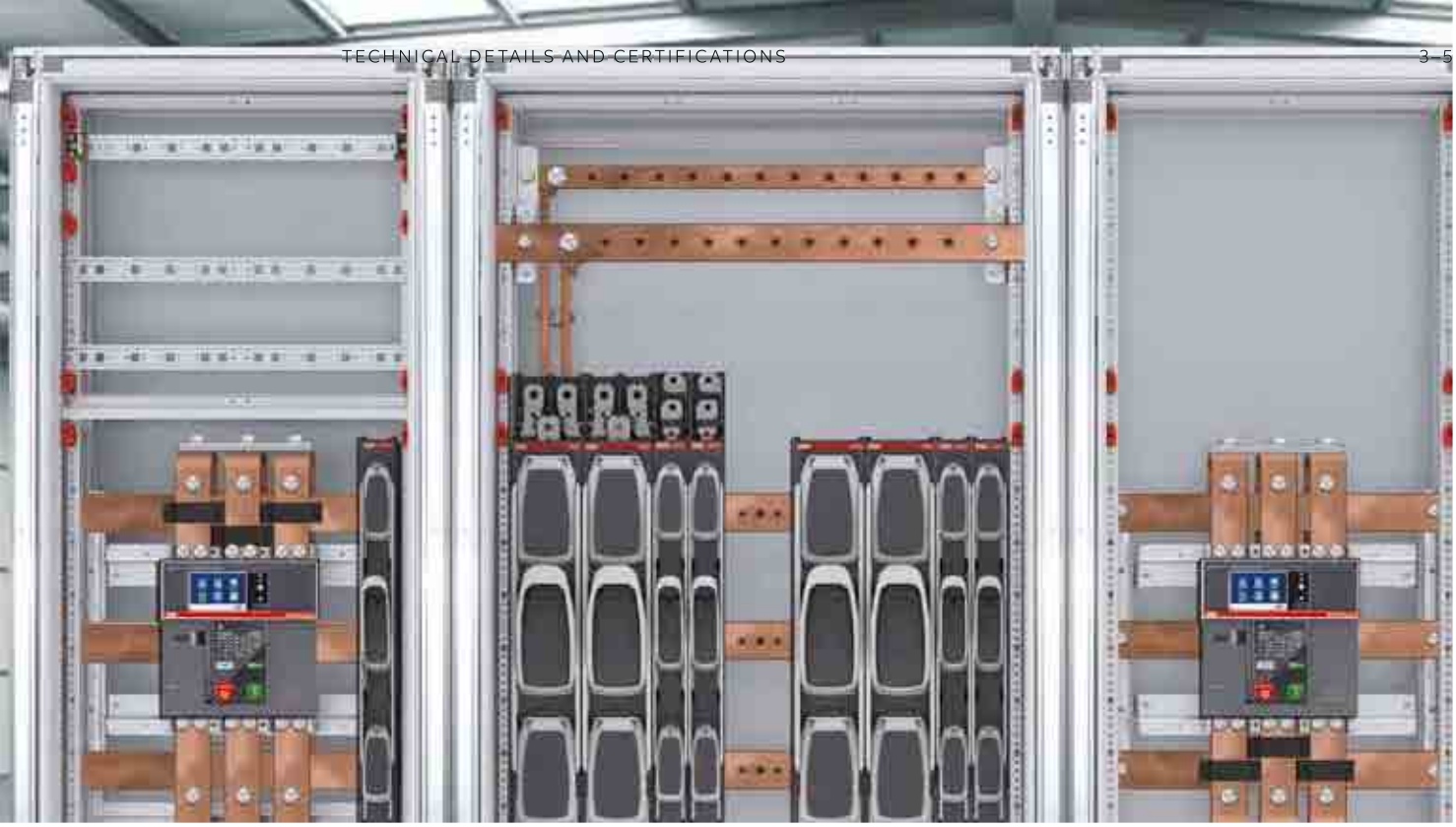
IBesides, in case mounting of the assembly is carried out by others, the Original manufacturer defines and publishes the instructions necessary to produce various assemblies.
The Original manufacturer designs and sets up a wide range of assembly configurations (the assembly system[1]), starting from a full and predefined range of components.

The assembly system is verified by the Original manufacturer in the most onerous representative configurations.

The Original manufacturer shall ensure the design verifications on the assembly system and provide the instructions for the selection of the components and for the mounting of the assembly.

[1] Assembly system: full range of mechanical and electrical components (enclosures, busbars, functional units, etc.), as defined by the original manufacturer, which can be assembled in accordance with the original manufacturer’s instructions in order to produce various ASSEMBLIES.





The “ASSEMBLY manufacturer” is the organization taking the responsibility for the completed assembly; The ASSEMBLY manufacturer may be a different organization to the original manufacturer.

The ASSEMBLY manufacturer (e.g.: the assembler/panel builder, the partner) puts together the assembly using spare parts/components and assembly kits, and, by following the instructions of the Original manufacturer, he obtains the final assembly complying with IEC 61439-2

The ASSEMBLY manufacturer shall carry out:

1) selection and assembling of the components according to the instructions provided by the Original manufacturer;

2) design verifications, through further tests or comparisons or assessments, in case of deviations from the instructions of the Original manufacturer;

3) routine verifications on any assembly realized. Hereunder the list of the routine verifications to be carried out by the “ASSEMBLY manufacturer”:

Characteristics relevant to construction:
- Degree of protection of enclosures;
- Clearances and creepage distances;
- Protection against electric shock and integrity of protective circuits;
- Installation of built-in components;
- Internal electrical circuits and connections;
- Terminals for external conductors;
- Mechanical operation.

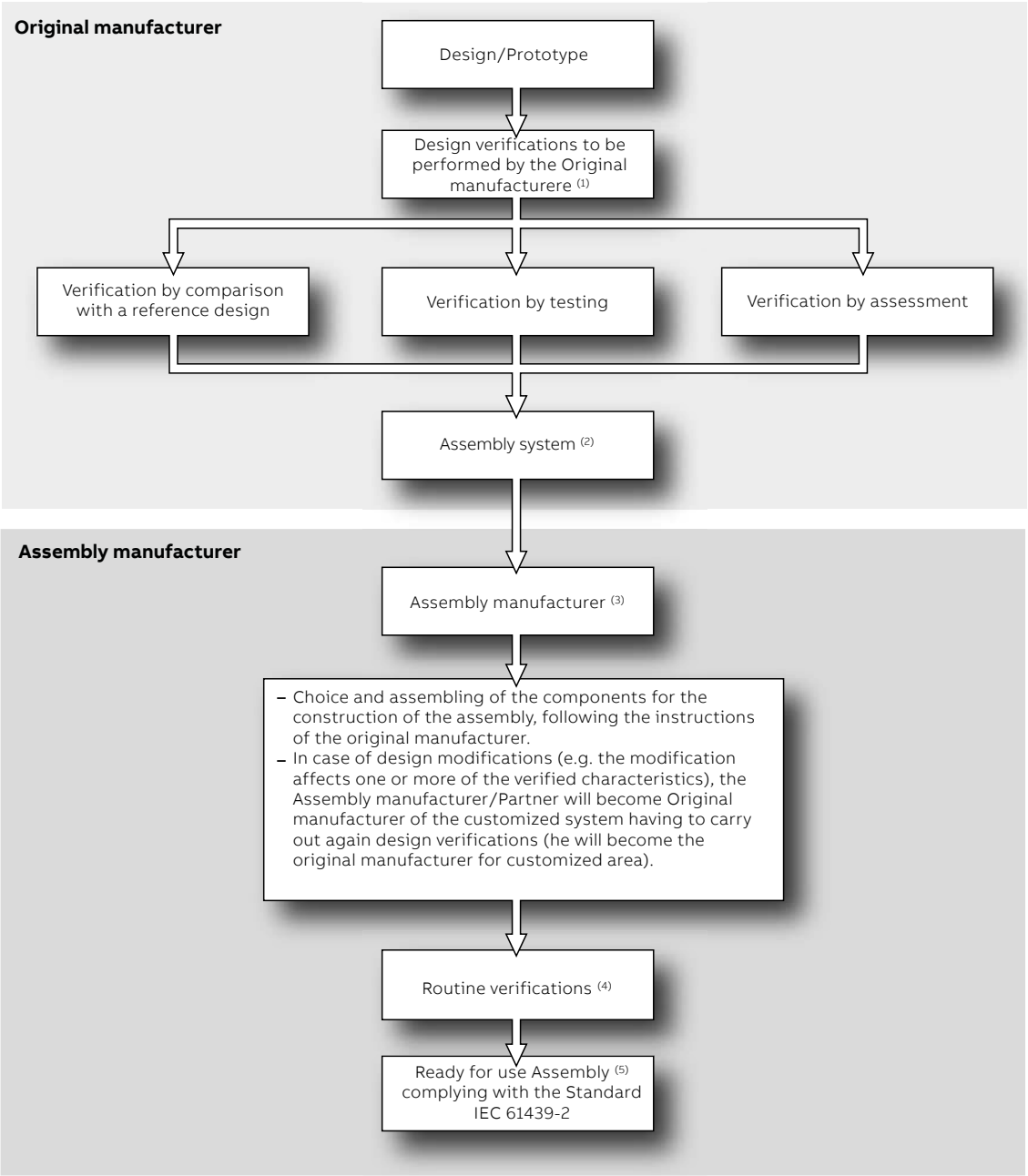
Characteristics relevant to performance:
- Dielectric properties;
- Wiring, operational performance and function

Technical details and certifications

According to IEC 61439-1/2

The main changes introduced by the series of Standards IEC 61439 can be summarized in the following flowchart:

Table 1



1) Original manufacturer: organization that has carried out the original design and the associated verification of an ASSEMBLY in accordance with the relevant ASSEMBLY standard
2) Assembly system: full range of mechanical and electrical components (enclosures, busbars, functional units, etc.), as defined by the original manufacturer, which can be assembled in accordance with the original manufacturer's instructions in order to produce various ASSEMBLIES
3) Assembly manufacturer: organization taking the responsibility for the completed ASSEMBLY; The ASSEMBLY manufacturer may be a different organization to the original manufacturer.
4) Routine verification: verification of each ASSEMBLY performed during and/or after manufacture to confirm whether it complies with the requirements of the relevant ASSEMBLY standard
5) Assembly: combination of one or more low-voltage switching devices together with associated control, measuring, signaling, protective, regulating equipment, with all the internal electrical and mechanical interconnections and structural parts

Technical details and certifications
According to IEC 61439-1/2

System pro E power, the 100% compliant solution with IEC 61439-1/2

System pro E power assemblies are subject at ABB laboratories to the testing prescribed by the Standards IEC 61439-1/2. The results of these verifications ensure the performances of System pro E power assemblies and relieve the ASSEMBLY manufacturer of the burden of carrying out further design verifications when ABB SACE structures, assembly kits, enclosures, busbars and devices are used following the selection criteria and mounting instructions of the Technical Catalogue and Instruction Handbook of System pro E power. Reference can be made to such results (summarized in Table 2) when drawing up the declaration of conformity of the assembly.

Table 2

Characteristic	Section	Standard Rule/Rating	Verification method	Test report/Certificate No.
Resistance to corrosion	10.2.2	Severity test A for indoor assemblies/ enclosures	Test	LBRS12753 LBRS13893 1STC860049
Thermal stability	10.2.3.1	Test for enclosures manufactured from insulating material.	Not required	Not required
Resistance to abnormal heat and fire due to internal electric effects	10.2.3.2	The Original manufacturer shall provide data on the suitability of materials from the insulating material supplier	Assessment	DATA SHEET – LET01b (Declaration by the insulating material supplier verified by ACAE/ LOVAG during temperature rise tests) 1STC860049
Resistance to ultra-violet (UV) radiation	10.2.4	Only for enclosures and external parts of assemblies for outdoor installation	Not required	Not required
Lifting	10.2.5	The maximum number of sections, allowed by the Original manufacturer to be lifted together, shall be equipped with components and/or weights to achieve a weight of 1.25 times its maximum shipping weight.	Test	IT 14.136 IT 14.097 IT 14.138 IT 15.024 IT 14.095 IT 14.094 IT 14.096 IT 16.048 IT 15.069 IT 15.070 IT 15.071 IT 15.072 IT 15.073 1STC860049
Mechanical impact	10.2.6	- IK9 (glass door) - IK10 (blind door)	Test	16-0367-01 1STC860049
Marking	10.2.7	The ASSEMBLY manufacturer shall provide each ASSEMBLY with one or more labels, marked in a durable manner and located in a place such that they are visible and legible when the ASSEMBLY is installed and in operation. Compliance is checked according to the test of 10.2.7 and by inspection.	Test	ASSEMBLY manufacturer
Degree of protection of enclosures	10.3	IP30 (without doors) IP40 (with doors) IP31/41 (with roof accessories) IP65 (with IP65 doors and panels) Verification by assessment is possible when an empty enclosure in accordance with IEC 62208 is used, and no external modification has been carried out that may result in a deterioration of the degree of protection.	Test	16-0367-01 1STC860049

Technical details and certifications

According to IEC 61439-1/2

Characteristic	Section	Standard Rule/Rating	Verification method	Test report/Certificate No.
Clearances	10.4	Insulation clearances are guaranteed when the assembly instructions provided with the ABB SACE structures, busbars and devices are complied with Minimum clearances ≥ 14mm@12kV	Test	IT 15.024 IT 15.075 1STC860049
Creepage distances	10.4	Minimum creepage distances ≥ 14 mm (pollution degree 3 and material group II)	Test	IT 15.024 IT 15.075 1STC860049
Effective continuity between the exposed conductive parts of the ASSEMBLY and the protective circuit	10.5.2	The exposed conductive parts are electrically connected with the main protective conductor; the maximum resistance value allowed for the protective circuit is ≤ 0.1 Ω.	Test	IT 14.095 IT 14.096 IT 14.094 IT 14.093 IT 14.097 IT 14.136 IT 14.138 IT 14.137 IT 14.139 LBRP 14175/00 1STC860049
Short-circuit withstand strength of the protective circuit	10.5.3	According to the standard (at least 60% of three-phase short circuit current): up to 72 kA (1s).	Test	IT 14.085 IT 14.086 IT 14.087 IT 14.088 IT 14.089 IT 14.096 IT 15.024 IT 14.095 IT 14.094 IT 14.093 IT 14.097 IT 14.136 IT 14.138 IT 14.137 IT 14.139 IT 15.075 IT 15.069 IT 15.070 IT 15.071 IT 15.072 IT 15.073 IT 15.074 1STC860049
Incorporation of switching devices and components	10.6	Compliance with the design requirements in section 8.5 for the incorporation of switching devices and components.	Assessment by inspection	ASSEMBLY manufacturer must observe the Original Manufacturer´s instructions of the assembly system and switching devices and components.
Internal electrical circuits and connections	10.7	Compliance with the design requirements in section 8.6 for internal electrical circuits and connections	Assessment by inspection	The original parts/components must be assembled according to the original manufacturer´s instructions.
Terminals for external conductors	10.8	Compliance with the design requirements in section 8.8 for terminals for external conductors.	Assessment by inspection	The original parts/components must be assembled according to the original manufacturer´s instructions.

Technical details and certifications

According to IEC 61439-1/2

Characteristic	Section	Standard Rule/Rating	Verification method	Test report/Certificate No.
Power-frequency withstand voltage	10.9.2	According to Table 8/9 of IEC 61439-1: Ui up to 1000 Vac/1500 Vdc	Test	IT 14.085 IT 14.086 IT 14.087 IT 14.088 IT 14.089 IT 14.096 IT 15.024 IT 14.095 IT 14.094 IT 14.097 IT 14.136 IT 14.138 IT 15.001 IT 15.075 IT 16.048 IT 15.069 IT 15.070 IT 15.071 IT 15.072 IT 15.073 1STC860049
Impulse withstand voltage	10.9.3	According to Table 10 of IEC 61439-1: Uimp = 12 kV/8 k	Test	IT 14.085 IT 14.086 IT 14.087 IT 14.096 IT 15.024 IT 14.088 IT 14.095 IT 14.094 IT 14.097 IT 14.089 IT 14.136 IT 14.138 IT 15.001 IT 15.075 IT 16.048 IT 15.069 IT 15.070 IT 15.071 IT 15.072 IT 15.073 1STC860049
Temperature-rise limits	10.10	Verification by test Rated current InA up to 6300 A InA max = 7000 A (main busbars)	Test	IT 14.085 IT 14.086 IT 14.087 IT 14.096 IT 15.024 IT 14.088 IT 14.095 IT 14.094 IT 14.097 IT 14.089 IT 14.136 IT 14.138 IT 14.137 IT 14.139 IT 15.001 IT 16.048 IT 15.069 IT 15.071 IT 15.072 IT 15.073 IT 15.074 IT 15.075 1STC860049

Technical details and certifications

According to IEC 61439-1/2

Characteristic	Section	Standard Rule/Rating	Verification method	Test report/Certificate No.
Short-circuit withstand strength	10.11	Verification by test: Icw line to line: up to 100 kA for 1s Icw line to line: up to 150 kA for 1s (main busbars) Icw line to neutral: up to 90 kA (1s) Ipk max: 330 kA Verification by comparison with the reference design: Icw line to line: 69 kA for 3s (main busbars)	Test	IT 14.085 IT 14.086 IT 14.087 IT 14.096 IT 15.024 IT 14.088 IT 14.095 IT 14.094 IT 14.093 IT 14.097 IT 14.089 IT 14.136 IT 14.138 IT 14.137 IT 14.139 IT 15.075 IT 15.069 IT 15.071 IT 15.072 IT 15.073 IT 15.074 1STC860049
Electromagnetic compatibility (EMC)	10.12	Ambient condition A and B Ambient condition A and B No EMC test if the incorporated devices and components are in compliance with the requirements for EMC as required by the relevant product Standard and the internal installation and wiring is carried out in accordance with the devices and components manufacturer's instructions.	Verification by assessment	Not required
Mechanical operation	10.13	The movable parts of System pro E power (e.g. hinges for doors and panels) have been tested through 200 operating cycles. This verification test shall not be made on such devices (e.g. withdrawable circuitbreaker) of the ASSEMBLY when they have already been type-tested according to their relevant product Standard unless their mechanical operation has been modified by their mounting.	Test	16-0367-01 1STC860049

The document and certificates can be downloaded at the following link:

http://www.abb.com/abblibrary/downloadcenter/

Technical details and certifications
Anti-seismic withstand

1. Introduction

Anti-seismic is an important thematic which is proper implemented in ABB by testing product solutions that meet the growing security demands and requirements from different markets. For System pro E power, ABB guarantees a seismic resistance in standard version without additional reinforcement elements up to 0.5g and with reinforcement kit up to 0.75g.

2. Reference rules

The reference rules adopted are:

- IEC 60068-3-3 Environmental testing - Part 3: Guidance. Seismic test methods for equipment;
- IEC 60068-2-6 Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal);
- IEC 60068-2-57 Environmental testing - Part 2-57: Tests - Test Ff: Vibration - Time-history method;
- IEC 60068-2-59 Environmental testing - Part 2: Tests. Test Fe: Vibration - Sine-beat method;
- IEC 60068-2-47 Environmental testing - Part 2-47: Test - Mounting of specimens for vibration, impact and similar dynamic tests;
- IEEE Std 693-2005 IEEE Recommended Practice for Seismic Design of Substations;
- Required response spectra applicable to “YATAY” and “DIKEY” sites (Turkey).

In order to meet the anti-seismic requirements, ABB offers a seismic qualification, in accordance with CEI EN 62271-207, which determine the total withstand capability of the switchgear assemblies in case of seismic stresses, combining results obtained by test, algebraically results and other service loads.

3. Seismic qualification

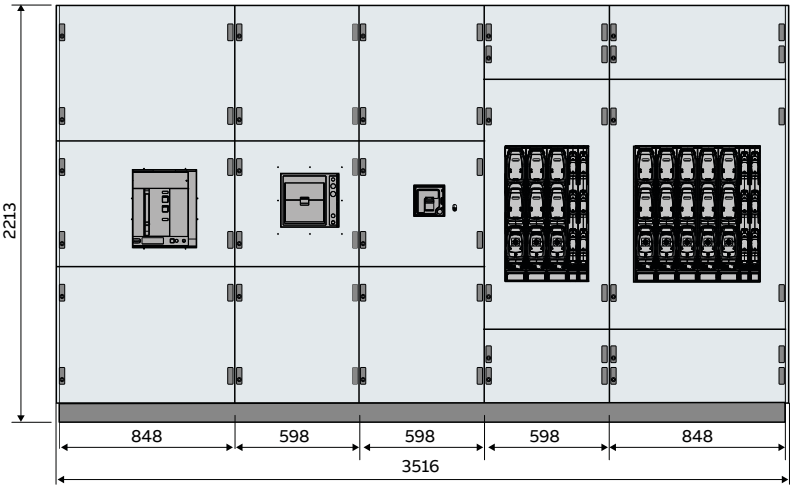
To determine the seismic qualification, 10 different configurations were seismic tested, using two different laboratories, CESI (Centro Elettronico Sperimentale Italiano), an Italian company founded in 1956, which deals with tests and certifications of electromechanical and electrical systems and Vir-lab, an Engineering laboratory
that provides seismic test in Asteasu, Spain. The data on which the certification is based are the following ones:

- Certified solutions. In particular the certified configurations are System pro E power Top Busbar System – 4000 A up to 0.5 g;
- System pro E power Rear Busbar System – 4000 A with anti-seismic kit up to 0.75 g.

The front side of RBBS enclosure is represented in the picture below.

This is representative for all possible configurations.

The adopted configurations are the ones that our R&D technicians identify as the most critical, due to the presence of plastic tie-rods and,
due to the reduced withstand current (Icw), the distance between the busbar holders is increased, which contribute to decrease the
resistance in case of seismic events.



Technical details and certifications

Anti-seismic withstand

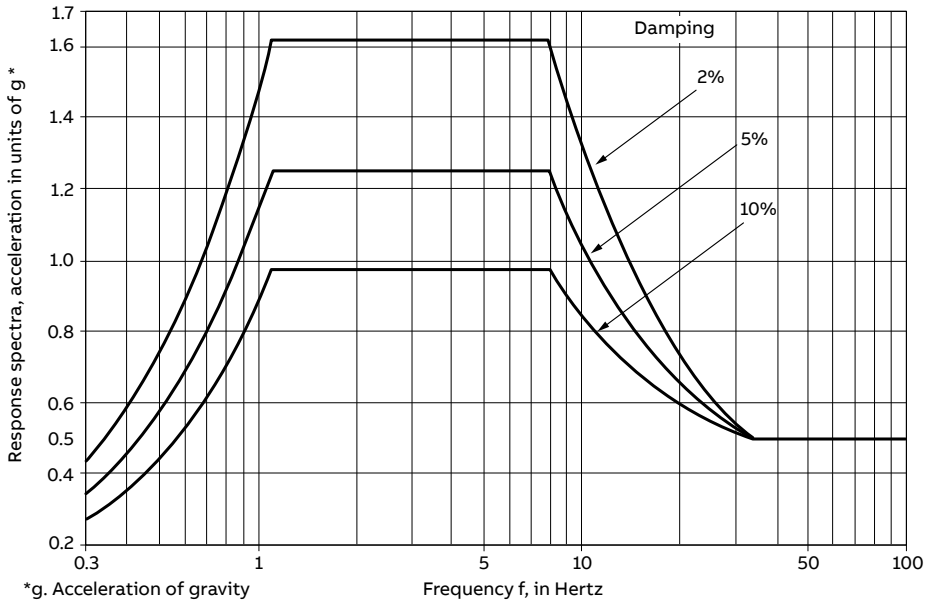
The test was performed according to the following criteria:

- Historical data on passed Main Distribution Enclosure ArTu K and Power Automation Enclosure IS2 tests.
- FEM Analysis, made during design phase, by creating the structure solid, assuming loads that follow the utilization and fixing proper constraints, it was simulated the deformation on the structure. Also few comparative analysis were performed, such as System pro E power vs. ArTu K, System pro E power vs. Triline and System pro E power vs. major competitors. The purpose of the work is to perform a stress analysis in different electrical panels. The effort and displacement evaluation has to be comparable between the different geometries at the same load conditions.
- Vibration tests. These are different from a seismic event because they are predictable events in a given range, instead the antiseismic events are unavoidable, non-constant and do not have a precise range. Vibrations can last for hours or be a constant condition; seismic event is a short, impulsive event.
- Customer test data, followed by ABB as external consultants.
- Traction, compression and torsion tests.
- Lifting tests, with ACAE-LOVAG presidia. All lifting tests are performed without paneling (minus 30 % of rigidity without the addition of the external panels and door), with an additional load of 25% (guaranteeing the structure with an additional margin).
- In addition to seismic and vibration tests, System Pro E Power, in glass door version, has passed the internal-arc test at 65 kA @ 480 V (0.3 s) in conformity with TR61641 (criteria 1-6). In addition, the frame has the capability to resist to a short circuit up to 150 kA for 1 s in conformity to the rule CEI EN 61439-2, in both the TBS and RBBS versions. These induced accelerations are much higher of those of a seismic event (current up to 330000 A that pass through the structure) that cause mechanical stresses higher than seismic events.

4. Anti-seismic tests

It has been used the reference of IEE 693-1997 rule, by utilizing the response spectra with a 2% damping, the most critical curve.

The accelerometers were positioned in the most critical points, at the top of the structure, close to the switches and close to the bars.

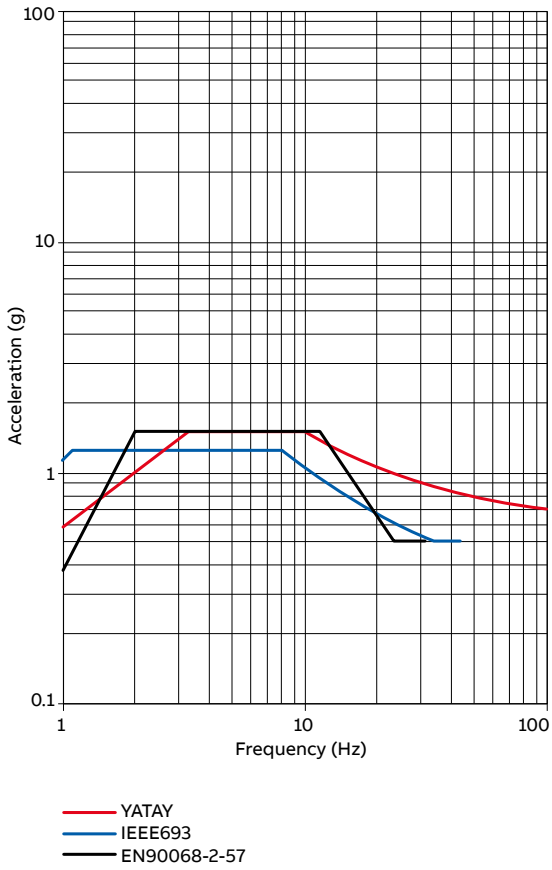


Technical details and certifications

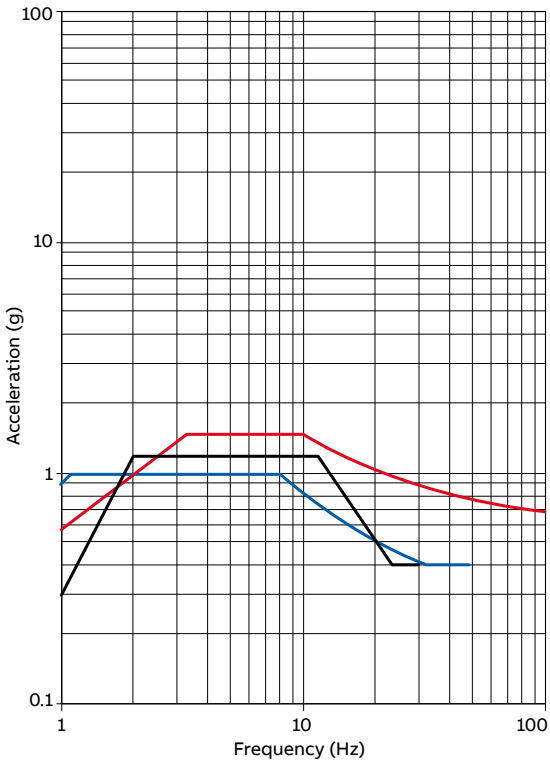
Anti-seismic withstand

It has been guaranteed in a standard configuration the resistance to a shock level up to 0.5 g, as represented in the picture below:

S2 Horizontal (5% damping)



S2 Vertical (5% damping)



YATAY
IEEE693
EN90068-2-57

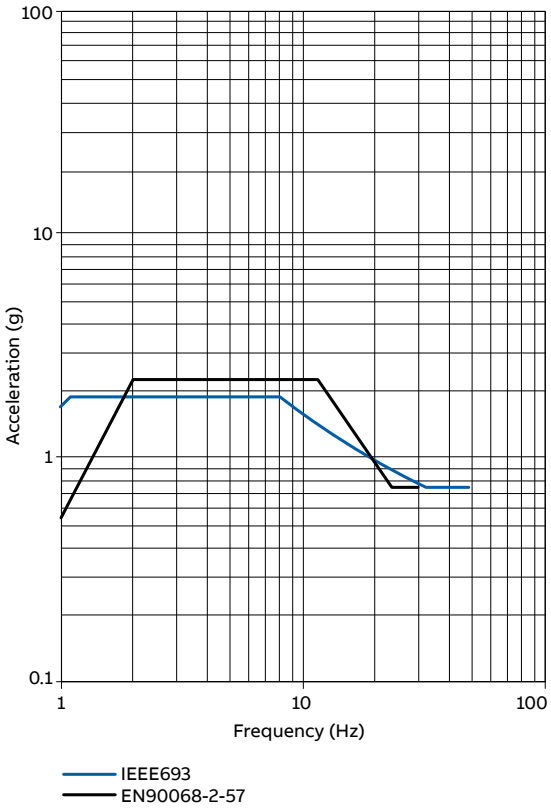
The horizontal ZPA (Zero Period acceleration) 0.69 g. is highter than the corresponding to the AG5 "Ground Acceleration Reference" defined in Table 3 of point 8.2.4 of European standard EN 60068-3-3, value calculated, as it is described in point 8.2.7 of the referred standard, as follows:

Technical details and certifications

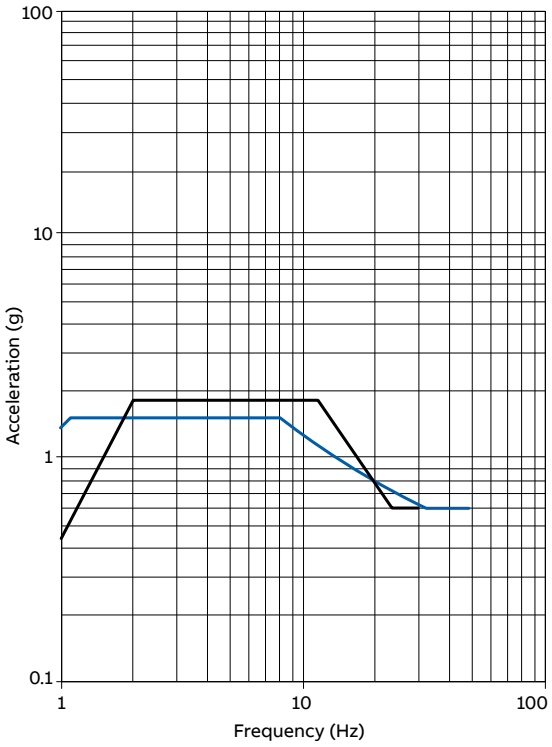
Anti-seismic withstand

In addition, by installing anti-seismic kit, it has been guaranteed the resistance to a shock level up to 0.75 g, as represented in the picture below:

S2 Horizontal (0.75 g ZPA; 5% damping)



S2 Vertical (0.6 g ZPA; 5% damping)



After the seismic event in the defined limits and conditions, it is guaranteed:

- No collapse of the structure.
- Operation of the switchboard after the earthquake.
- Maintaining of the mechanical characteristics, IP and IK.

The results are confirmed by looking to the resonance final and initial benchmarking, which assess that no structural failures occur during tests.

	RESONANCE (Hz) (Amplification)		
POINT NUMBER	**Initial (Test Number 1)**	**Final (Test Number 18)**	**Frequancy Variation**
2 (Close to the center of gravity)	5.44 / (4.5) 23.81 / (2.5)	4.50 / (4.9) 24.00 / (2.5)	–17.28 % 0.80 %
3 (Close to the vertical BUS)	5.34 / (4.6)	4.50 / (4.8)	–15.73 %
4 (On the top left corner)	5.53 / (7.6)	4.59 / (8.3)	–17.00 %

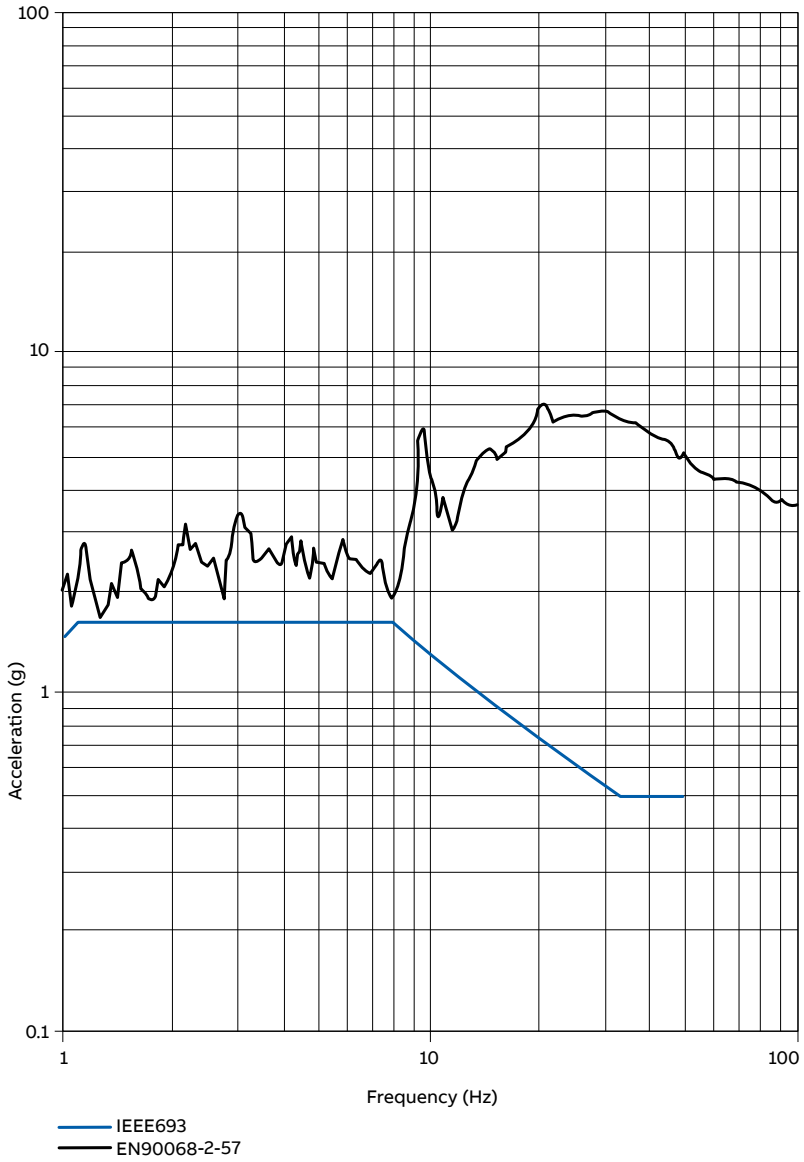
	RESONANCE (Hz) (Amplification)		
POINT NUMBER	**Initial (Test Number 2)**	**Final (Test Number 19)**	**Frequancy Variation**
2 (Close to the center of gravity)	3.94 / (5.2)	3.19 / (5.3)	–19.04 %
3 (Close to the vertical BUS)	3.84 / (3.8)	3.09 / (3.8)	–19.53 %
4 (On the top left corner)	3.94 / (8.8)	3.19 / (8.7)	–19.04 %

Technical details and certifications

Anti-seismic withstand

In order to obtain these results, ABB has performed tests with more difficult conditions. In the picture below, it is clearly visible that the test response spectrum is higher than the 0.5g thresholds.

Test Response Specrum (TRS)
S2 Horizontal - 2%
IEEE Std. 693-2005 "High Required Specrum", 0.5 g.

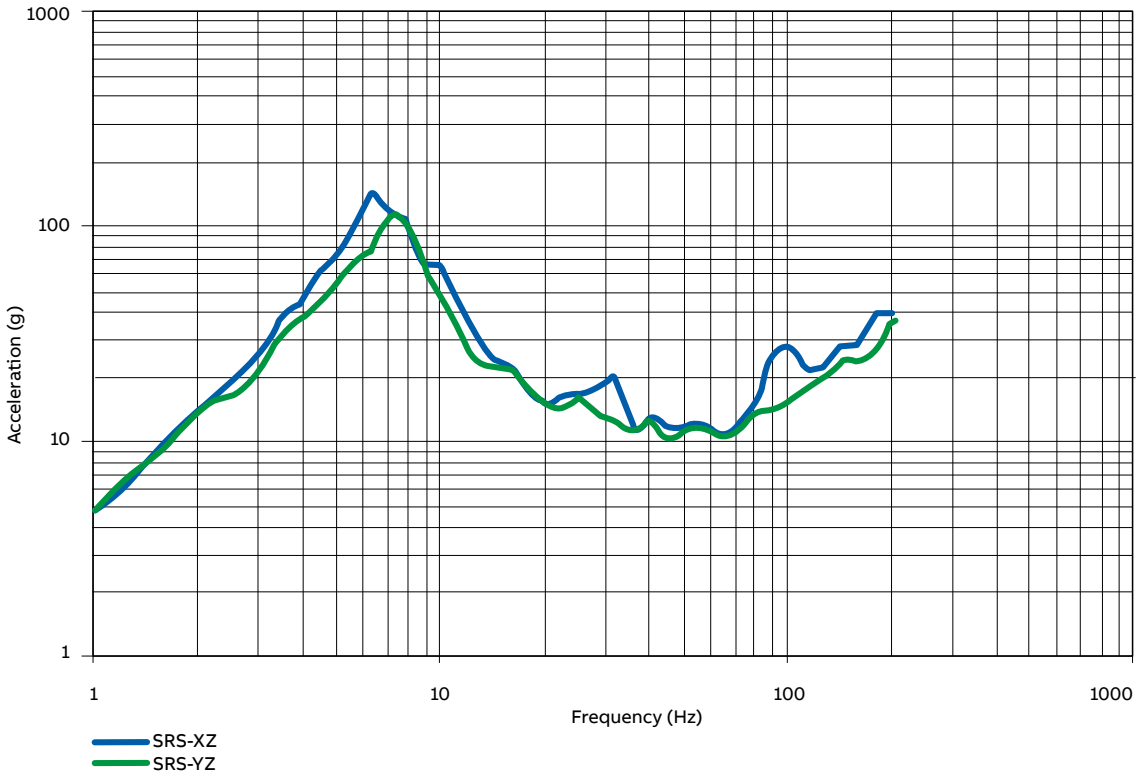


The anti-seismic tests on the structure are combined with the ones performed on the breakers. As visible on the below picture, the accelerations tested on breakers are higher than the ones tested on the SPEP. This is because, in case of an earthquake, the breaker is subject of the vibration of the building and simultaneously of the enclosure.

Technical details and certifications

Anti-seismic withstand

Specified Response Spectrum (SRS) (5%)
Envelope (points 2 to 5 and 7 of report 152322 and points 2 to 9 of report 152323)
Level S2 Horizontal Direction



By having significantly higher ZPA tested, it is possible to guarantee the operation of the switchboard during and after a seismic event.

5. Suggestions

Some suggestions are provided in order to increase the capability of the switchboard to withstand to a seismic event:

- It is better to distribute the weight at the bottom of the switchboard.
- Tighten the structure, by segregating it or by increasing the number of busbar holders.
- Fixing of floor structure with M12 class 8.8 screws.
- Avoid fixing the frame to the wall, possibly keeping a distance of 600mm to avoid the “hammer” effect during the earthquake, if there is no space make sure the wall is structured for fastening.
- Give maintenance instructions, for example after a seismic event of 0.5g check the tightening torques.
- Busways can compromise stability.
- If it is possible, it is better to reduce height dimension of the enclosure.
- Two structures side by side carry more than a single one.
- The lifting bar strengths the structure.
- If you have a cable feed, expect an additional length in the cables

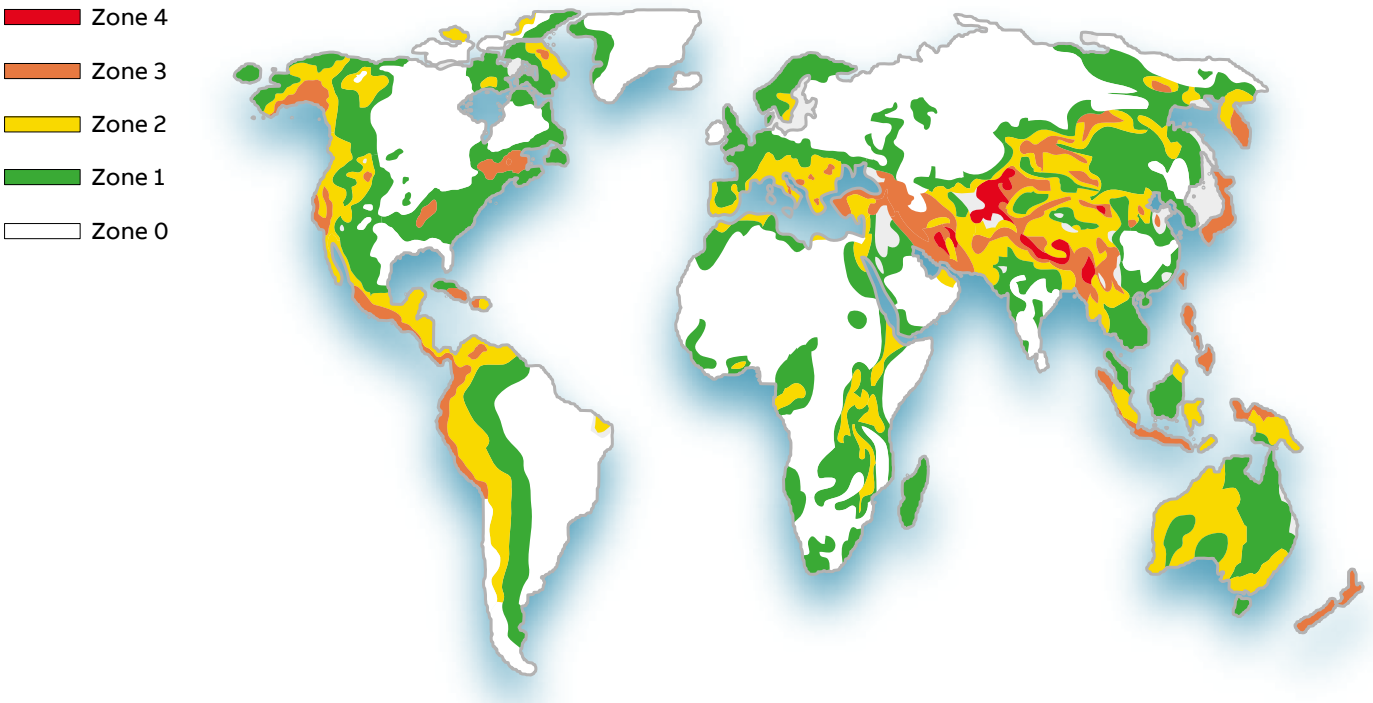
Technical details and certifications

Anti-seismic withstand

6. Results

The seismic zones around the World are represented in the picture below:

Seismic zones around the world



Below, the comparison table between the IEC 68-3-3 seismic zones, the Richter scale, the Mercalli scale, and the acceleration value.

Seismic Zone IEC 68-3-3		Scale of Richter Magnitude	Scale of Mercalli Magnitude	Phenomena	Maximum acceleration (g)	Freed energy (J)
System pro E power range						
AG5	4	9	XII	Exceptiolally catastrophic	1.53	$>10^{17}$
			XI	Catastrophic	1.02	
		8	X	Very destructive	0.51-1.02	
		7	IX	Destructive	0.2-0.5	10^{14} - $5x10^{15}$
			VIII	Damaging	0.12-0.2	
AG3	3	6	VII	Very strong		
	2	5	VI	Strong		10^{11} - $5x10^{12}$
			V	Fairly strong		
AG2	1	4	IV	Not strong		
	0	3	III	Weak		10^{8} - $5x10^{9}$
			II	Very weak		
		2	I	Registred by instrument		$5x10^{6}$ - 10^{8}
		1				$<5x10^{6}$

Technical details and certifications
Mechanical and electrical characteristics

Conformity to Standard IEC 61439-1-2

System pro E power switchboards are subjected in the ABB laboratories, to the type tests established by Standard IEC 61439-1-2.
The results of these tests guarantee the performance of System pro E power switchboards and when ABB SACE structures, air circuitbreakers, moulded-case and modular circuit-breakers are used, relieve the end manufacturer of the switchboard from having to perform further type tests so long as he/it complies with the selection criteria and assembly instructions for the various different components.
Reference can be made to these results, described below, when drawing up the declaration of conformity of the switchboard.

Overtemperature (Ref. sect. 9.2. of the Standard)

Values from the type tests performed referring to all System pro E - Power switchboard sizes and to the type of installation are given in the tables.
The dissipated power data (in Watts) depend on the allowable overtemperature inside the upper part of the switchboard and should be compared with the sum of the powers dissipated by all the components installed in the switchboard (also taking the coincidence factor into due account).

Dielectric properties (Ref. sect. 10.9. of the Standard)		
Rated service voltage		up to 1000V AC / 1500V DC
Rated insulation voltage		up to 1000V AC / 1500V DC
Rated impulse withstand voltage		12kV
Short-circuit withstand capacity (Ref. sect. 10.11. of the Standard)		
Rated short-time short-circuit current:	line-to-line	150kA (1s) 86.6kA (3s)
	line-to-neutral	90kA (1s)
Rated max. peak short-circuit current		264kA
Protection against the circuit and short-circuit withstand (Ref. sect. 9.3. of the Standard)		
Rated admissible short-time withstand current Icw for the protection circuit		90kA (1s)
Insulation clearances (Ref. sect. 10.4. of the Standard)		
Insulation clearances are guaranteed when the assembly instructions provided with the ABB SACE structures and circuit-breakers are complied with.		
Mechanical operation (Ref. sect. 10.13. of the Standard)		
When the assembly instructions of the ABB SACE structures are circuit-breakers are complied with, mechanical operation can be considered as verified.		

Technical details and certifications

Mechanical and electrical characteristics

Mechanical specifications

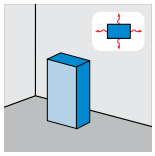
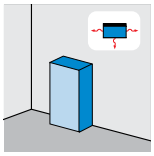
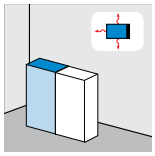
Material		
Uprights and cross-pieces	1,2mm hot-dip galvanized sheet steel	
	1,2mm AISI 304 stainless steel	
Plinth angle pieces	2,5mm hot-dip galvanized sheet steel	
Plinth flanges	1,5mm hot-dip galvanized sheet steel	
External panels	pickled steel sheet thickness 8/10mm for IP30/40 and 15/10 for IP54/55	
Doors	1,5mm thick pickled sheet steel. 4mm thick toughened glass glued from the inside	
Plates	1,5mm hot-dip galvanized sheet steel	
Panels	1,2mm pickled steel sheet	
Partitions	plastic components: thermoplastic vulcanizate metal components: 1,5mm pickled steel sheet	
Paint coating		
Structure colour	RAL 7035 grey orange peel finish	
Plinth colour	RAL 7012 grey orange peel finish	
Standard cycle	The sheet metal is cleaned	
	Phosphating, based on iron salts	
	Drying in a tunnel at 100°C	
	External and internal coating with electrostatic application of thermosetting powder coating with epoxy-polyester binders, RAL 7035 colour orange peel finish, total thickness 60/70 microns.	
	Curing in an oven 180°C	
Coating characteristics	Binder:	epoxy-polyester
	Specific gravity:	1.61g/cm3
	Theoretic yield:	10.4m²/kg with film an average 60 microns thick
	Melting point:	85-95 °C (Kofler bench method)
	Particle size:	standard distribution between 5 and 100 microns with 30 to 40 micron average particle size. Setting: 12 min x 190 °C (temperature of object).
	Hardness:	1H - 2H
	DIN 53152 bending elasticity:	unaltered on 1/4” mandrel
	DIN 53151 cross-hatch adhesion:	GT O (100%)
	Erichem elasticity:	SEN DIN 53156: > 6mm
	Gardner inpact resistance:	25 kg x cm.

Tests performed on degreased and phosphatized metal plates with 60/70 micron film thickness.
The paint coating passed the saline mist resistance tests (193 hours).

Environmental characteristics		
Type of installation	indoor	
Installation conditions	on floor	
Climatic conditions (t°/Rh%)	constant	23°C/83% - 40°C/93%
	variable	23°C/98% - 40°C/98%
Ambient temperature limits	for operation	-5°C +40°C Normal usage conditions (Ref. sect. 7.1 of the Standard IEC 61439-1-2)
	for stOrange	-25°C +55°C

Technical details and certifications
Power dissipated

System pro E power IP30 - IP40

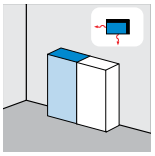
		Separate enclosure exposed on all sides					**Separate enclosure for assembly on a wall**					**First and last enclosures exposed**				
																
		Maximum power dissipated (W)					**Maximum power dissipated (W)**					**Maximum power dissipated (W)**				
W (mm)	**D (mm)**	**20 °C**	**25 °C**	**30 °C**	**35 °C**	**40 °C**	**20 °C**	**25 °C**	**30 °C**	**35 °C**	**40 °C**	**20 °C**	**25 °C**	**30 °C**	**35 °C**	**40 °C**
Structures H = 2000mm with blind panels																
250	500	186	234	290	360	428	176	222	275	341	406	163	205	254	315	375
	700	227	286	355	440	523	222	280	347	431	512	208	262	325	403	479
	900	267	337	418	518	617	262	330	409	507	604	237	299	371	460	547
300	500	207	261	324	401	478	196	247	306	380	452	186	234	290	360	428
	700	255	321	398	494	587	248	313	388	481	573	233	294	365	452	538
	900	298	375	465	577	686	294	370	459	569	677	267	337	418	518	617
400	500	248	312	393	476	561	236	297	360	448	530	225	284	356	431	508
	700	312	393	495	598	705	300	378	475	577	680	283	356	444	538	636
	900	375	472	594	718	846	360	454	570	692	816	339	427	533	646	763
500	500	247	311	386	478	569	235	296	367	455	542	231	291	361	447	532
	700	293	369	458	567	675	284	358	444	550	655	272	343	425	527	628
	900	336	423	525	650	774	326	411	510	632	752	311	392	486	603	717
600	500	303	382	479	581	685	294	370	464	562	663	291	367	460	557	658
	700	350	441	554	671	792	345	435	546	662	781	330	416	522	632	746
	900	420	529	665	805	950	414	522	655	794	937	396	499	626	758	895
700	500	293	369	458	567	675	276	348	432	535	637	279	352	436	541	644
	700	341	430	533	661	787	326	411	510	632	752	321	405	502	623	741
	900	392	494	613	760	904	375	472	585	726	864	363	458	568	704	838
750	500	303	382	474	587	699	288	363	450	558	664	291	367	455	564	672
	700	354	446	553	686	816	336	423	525	650	774	333	420	521	646	768
	900	406	511	634	786	935	387	488	605	750	893	377	475	589	730	869
800	500	346	436	546	662	781	335	422	530	642	758	331	417	524	634	749
	700	406	512	643	778	919	392	494	620	751	887	381	480	602	729	861
	900	487	614	772	934	1103	471	593	744	901	1064	457	576	722	875	1033
900	500	336	423	525	650	774	315	397	492	610	726	322	406	503	624	743
	700	392	494	613	760	904	367	463	574	712	847	370	466	578	717	853
	900	448	564	699	867	1032	422	532	660	818	973	417	525	651	807	961
1000	500	360	453	562	697	829	333	420	521	646	768	344	433	537	666	792
	700	417	525	651	807	961	390	492	610	756	900	396	499	619	767	913
	900	572	721	864	1022	1198	556	700	858	1023	1184	540	681	833	987	1145
1100	500	407	513	636	789	939	374	471	584	724	862	390	492	610	756	900
	700	471	593	735	912	1085	437	550	682	846	1006	446	562	697	864	1028
	900	544	686	851	1055	1255	500	630	781	969	1153	503	634	786	975	1160
1250	500	417	525	651	807	961	381	480	595	738	878	402	506	627	778	926
	700	487	613	760	943	1122	443	558	692	858	1021	459	578	717	889	1058
	900	670	844	1011	1196	1402	650	819	1004	1197	1385	633	797	975	1155	1340

Power dissipated inside System pro E power switchboards on the basis of the admissible overtemperature.
Δt = difference between the temperature inside the enclosure and ambient temperature.

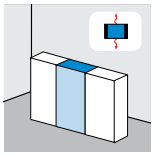
Technical details and certifications

Power dissipated

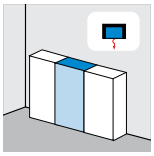
First and last enclosures for assembly on wall



Central enclosure exposed



Central enclosure for assembly on a wall

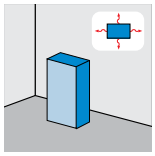
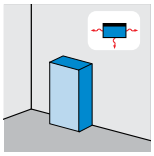
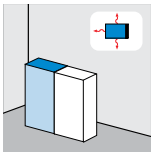


Maximum power dissipated (W)					Maximum power dissipated (W)					Maximum power dissipated (W)				
20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C
152	191	237	294	349	137	173	215	266	317	127	160	198	246	293
200	252	312	387	461	177	223	277	343	408	168	212	263	326	388
235	296	367	455	542	212	267	331	411	489	206	260	322	400	476
172	217	269	334	397	160	201	249	309	368	146	184	228	283	337
229	288	357	443	527	206	260	322	400	476	195	246	305	378	450
263	332	412	510	607	241	304	377	467	556	237	298	370	458	545
206	260	327	395	467	205	258	322	392	466	185	233	293	354	419
243	306	386	469	550	253	319	397	480	565	231	291	365	442	525
291	367	463	563	660	304	383	476	576	678	277	349	438	530	630
222	280	347	431	512	219	276	342	424	505	202	255	316	392	467
260	328	407	504	600	250	315	391	484	576	246	310	384	477	567
305	384	476	590	703	283	357	443	549	653	279	351	435	540	642
263	331	451	503	594	270	340	426	516	609	241	304	381	462	545
324	408	512	620	732	322	406	509	617	728	296	373	468	566	669
389	490	614	744	878	387	487	611	740	874	356	448	562	679	803
260	328	407	504	600	263	331	410	509	606	252	317	393	487	580
310	391	485	601	715	304	383	475	589	701	290	366	454	563	670
349	440	546	677	805	335	422	523	649	772	333	419	520	644	767
271	341	423	524	624	275	346	429	532	633	261	329	408	506	602
320	403	500	620	737	314	396	491	609	725	302	381	472	586	697
360	454	563	698	831	347	437	542	672	800	343	432	536	664	790
319	402	505	612	722	328	413	519	628	742	302	380	477	578	682
366	461	578	701	827	370	466	585	709	837	358	451	566	685	809
439	553	694	841	992	444	559	702	851	1004	429	541	679	822	971
305	384	476	590	703	310	390	484	600	714	292	368	456	566	673
349	440	546	677	805	348	438	543	673	801	338	426	528	655	779
395	498	618	766	911	386	486	603	747	889	375	472	585	726	864
322	406	503	624	743	329	415	515	638	759	315	397	492	610	726
369	465	577	715	851	371	468	580	720	856	357	450	558	692	823
523	659	799	947	1100	532	670	814	967	1123	518	653	792	938	1092
361	455	564	700	833	373	470	583	723	860	356	448	556	689	820
416	524	650	806	959	421	531	658	816	972	401	505	626	776	924
470	592	734	910	1083	465	586	727	901	1072	448	564	699	867	1032
367	463	574	712	847	386	486	603	747	889	361	455	564	700	833
424	534	662	821	977	433	545	676	838	997	410	516	640	793	944
612	771	935	1108	1287	622	784	952	1131	1314	606	764	927	1097	1278

Technical details and certifications

Power dissipated

System pro E power IP30 - IP31

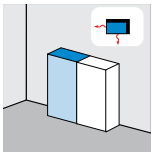
		Separate enclosure exposed on all sides					**Separate enclosure for assembly on a wall**					**First and last enclosures exposed**				
																
		Maximum power dissipated (W)					**Maximum power dissipated (W)**					**Maximum power dissipated (W)**				
W (mm)	**D (mm)**	**20 °C**	**25 °C**	**30 °C**	**35 °C**	**40 °C**	**20 °C**	**25 °C**	**30 °C**	**35 °C**	**40 °C**	**20 °C**	**25 °C**	**30 °C**	**35 °C**	**40 °C**
Structures H = 2000mm with ventilated panels																
250	**500**	345	435	539	669	796	334	421	522	647	770	326	411	510	632	752
	700	390	491	609	755	898	379	477	591	733	873	366	461	572	709	844
	900	437	551	683	847	1008	429	540	670	830	988	410	516	640	793	944
300	**500**	354	446	553	686	816	341	430	533	661	787	335	422	523	649	772
	700	411	518	642	796	948	398	501	621	770	917	386	486	603	747	889
	900	456	575	713	884	1052	446	562	697	864	1028	430	542	672	833	992
400	**500**	390	491	609	755	898	375	472	585	726	864	372	469	582	721	858
	700	444	560	694	861	1025	432	544	675	836	995	421	531	658	816	972
	900	495	624	774	959	1142	481	606	751	932	1109	467	589	730	906	1078
500	**500**	425	535	663	823	979	403	508	630	781	930	403	508	630	781	930
	700	477	601	745	924	1100	461	581	720	893	1063	456	574	712	883	1050
	900	534	673	835	1035	1231	515	649	805	998	1188	503	634	786	975	1160
600	**500**	465	586	756	938	1131	433	546	705	874	1131	344	434	560	695	838
	700	588	741	956	1186	1429	567	715	923	1145	1380	444	560	723	897	1081
	900	573	722	895	1110	1321	547	689	854	1059	1261	537	676	838	1039	1237
700	**500**	477	601	745	924	1100	456	574	712	883	1050	461	581	720	893	1063
	700	543	684	848	1052	1252	517	652	808	1003	1193	517	652	808	1003	1193
	900	613	772	957	1187	1413	578	728	903	1119	1332	570	718	890	1104	1314
750	**500**	491	619	768	952	1133	467	589	730	906	1078	474	597	740	918	1092
	700	560	705	874	1084	1290	530	668	828	1027	1222	532	670	831	1030	1226
	900	633	797	988	1225	1458	594	749	929	1152	1370	588	741	919	1139	1356
800	**500**	506	637	790	979	1166	479	604	749	929	1105	488	615	763	946	1125
	700	577	727	901	1118	1330	544	685	849	1053	1253	547	689	854	1059	1261
	900	648	816	1012	1255	1493	594	749	929	1152	1370	588	741	919	1139	1356
1000	**500**	564	711	882	1093	1301	526	663	822	1019	1213	542	683	847	1050	1250
	700	644	812	1007	1249	1486	599	755	936	1161	1381	612	771	956	1185	1411
	900	709	893	1107	1373	1634	671	846	1049	1301	1548	675	850	1054	1307	1555
1250	**500**	639	805	998	1238	1473	585	737	914	1133	1349	618	779	966	1198	1425
	700	714	900	1116	1384	1647	668	842	1044	1295	1541	686	864	1071	1328	1581
	900	785	989	1226	1521	1810	737	929	1152	1428	1700	750	945	1172	1453	1729

Power dissipated inside System pro E power switchboards on the basis of the admissible overtemperature.
Δt = difference between the temperature inside the enclosure and ambient temperature.

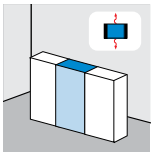
Technical details and certifications

Power dissipated

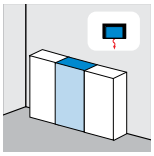
First and last enclosures for assembly on wall



Central enclosure exposed



Central enclosure for assembly on a wall



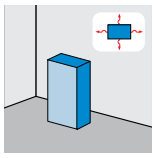
Maximum power dissipated (W)					Maximum power dissipated (W)					Maximum power dissipated (W)				
20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C
316	398	494	612	728	306	386	479	594	706	292	368	456	566	673
354	446	553	686	816	340	428	531	658	783	329	414	513	637	758
398	502	622	772	919	379	477	591	733	873	366	461	572	709	844
322	406	503	624	743	317	399	495	614	730	301	379	470	583	693
374	471	584	724	862	360	453	562	697	829	346	436	541	670	798
417	525	651	807	961	398	502	622	772	919	384	484	600	744	886
355	447	554	687	818	352	443	549	681	811	335	422	523	649	772
406	511	634	786	935	396	499	619	767	913	379	477	591	733	873
454	572	709	880	1047	437	551	683	847	1008	420	529	656	813	968
385	485	601	746	887	385	485	601	746	887	363	458	568	704	838
437	551	683	847	1008	430	542	672	833	992	410	517	641	795	946
486	612	759	941	1120	475	598	742	919	1094	454	572	709	880	1047
323	407	525	651	785	410	517	641	794	945	355	447	554	687	818
418	527	680	843	1016	458	577	716	888	1056	420	529	656	814	968
514	648	804	996	1186	506	637	790	979	1166	486	612	759	941	1120
437	551	683	847	1008	444	559	693	860	1023	417	525	651	807	961
493	621	770	955	1136	493	621	770	955	1136	469	591	733	909	1081
542	683	847	1050	1250	536	675	837	1038	1235	511	644	799	990	1178
451	568	704	873	1039	458	577	715	887	1056	429	541	671	832	990
506	637	790	979	1166	507	639	792	983	1169	483	608	754	935	1112
556	701	869	1078	1283	551	694	861	1067	1270	524	660	818	1015	1208
463	583	723	896	1067	471	593	735	912	1085	443	558	692	858	1021
518	653	810	1004	1195	521	656	813	1009	1200	494	623	773	958	1140
556	701	869	1078	1283	551	694	861	1067	1270	524	660	818	1015	1208
507	639	792	983	1169	522	658	816	1012	1204	490	617	765	949	1129
567	715	887	1099	1308	578	728	903	1119	1332	540	681	844	1047	1246
632	796	987	1224	1456	636	801	993	1232	1466	589	742	920	1141	1358
562	708	878	1089	1295	590	744	923	1144	1361	541	682	846	1049	1248
637	802	994	1233	1467	660	831	1030	1278	1521	600	756	937	1162	1383
702	884	1096	1359	1617	713	899	1115	1382	1645	664	837	1038	1287	1531

Technical details and certifications

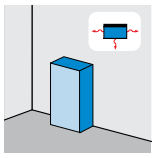
Power dissipated

System pro E power IP40 - IP41

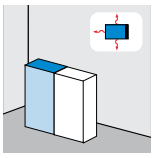
Separate enclosure exposed on all sides



Separate enclosure for assembly on a wall



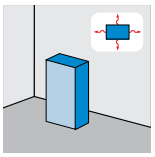
First and last enclosures exposed



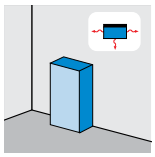
W (mm)	D (mm)	Maximum power dissipated (W) 20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C
Structures H = 2000mm with ventilated panels																
400	**500**	335	422	543	671	809	320	403	519	644	777	254	320	413	511	615
	700	450	567	732	908	1094	434	547	706	876	1056	316	398	514	635	765
	900	600	756	976	1211	1459	579	729	941	1168	1408	395	498	643	794	956
600	**500**	399	503	649	805	970	370	466	602	747	900	301	379	489	607	732
	700	521	657	847	1051	1267	502	632	815	1011	1219	379	477	616	764	921
	900	695	876	1129	1401	1689	669	843	1087	1348	1625	473	596	770	955	1151
800	**500**	449	566	731	907	1093	425	536	692	859	1035	349	440	568	705	850
	700	606	764	985	1222	1474	556	701	905	1123	1353	433	546	705	874	1054
	900	809	1019	1313	1629	1965	742	935	1207	1497	1804	542	683	881	1093	1318
1000	**900**	949	1196	1497	1782	2134	875	1103	1391	1699	1998	640	807	1016	1232	1460
1250	**900**	1063	1340	1677	1996	2390	971	1224	1544	1886	2218	717	904	1138	1380	1635

System pro E power IP44 - IP55

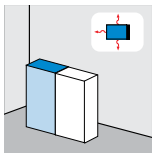
Separate enclosure exposed on all sides



Separate enclosure for assembly on a wall



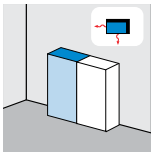
First and last enclosures exposed



W (mm)	D (mm)	Maximum power dissipated (W) 20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C	20 °C	25 °C	30 °C	35 °C	40 °C
Structures H = 2000mm with blind panels																
250	500	186	234	290	360	428	176	222	275	341	406	163	205	254	315	375
	700	227	286	355	440	523	222	280	347	431	512	208	262	325	403	479
	900	267	337	418	518	617	262	330	409	507	604	237	299	371	460	547
500	500	247	311	386	478	569	235	296	367	455	542	231	291	361	447	532
	700	293	369	458	567	675	284	358	444	550	655	272	343	425	527	628
	900	336	423	525	650	774	326	411	510	632	752	311	392	486	603	717
750	500	303	382	474	587	699	288	363	450	558	664	291	367	455	564	672
	700	354	446	553	686	816	336	423	525	650	774	333	420	521	646	768
	900	406	511	634	786	935	387	488	605	750	893	377	475	589	730	869
1000	500	360	453	562	697	829	333	420	521	646	768	344	433	537	666	792
	700	417	525	651	807	961	390	492	610	756	900	396	499	619	767	913
	900	499	629	753	892	1045	485	611	748	892	1092	471	593	728	862	998
1250	500	417	525	651	807	961	381	480	595	738	878	402	506	627	778	926
	700	487	613	760	943	1122	443	558	692	858	1021	459	578	717	889	1058
	900	584	736	881	1044	1223	567	715	875	1044	1278	551	694	852	1009	1168

Power dissipated inside System pro E power switchboards on the basis of the admissible overtemperature.
Δt = difference between the temperature inside the enclosure and ambient temperature.

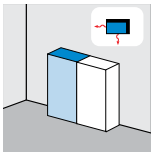
First and last enclosures for assembly on wall



Maximum power dissipated (W)

20 °C	25 °C	30 °C	35 °C	40 °C
245	309	398	492	591
309	389	498	617	743
363	458	586	726	874
280	353	456	565	681
356	448	578	717	864
418	527	680	844	1016
325	410	528	656	790
405	510	658	816	983
476	600	774	960	1156
567	714	891	1080	1281
629	793	989	1199	1422

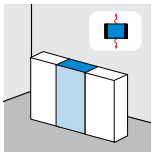
First and last enclosures for assembly on wall



Maximum power dissipated (W)

20 °C	25 °C	30 °C	35 °C	40 °C
152	191	237	294	349
200	252	312	387	461
235	296	367	455	542
222	280	347	431	512
260	328	407	504	600
305	384	476	590	703
271	341	423	524	624
320	403	500	620	737
360	454	563	698	831
322	406	503	624	743
369	465	577	715	851
456	574	697	826	960
367	463	574	712	847
424	534	662	821	977
533	672	815	966	1123

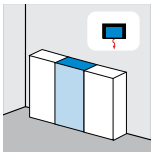
Central enclosure exposed



Maximum power dissipated (W)

20 °C	25 °C	30 °C	35 °C	40 °C
137	173	215	266	317
177	223	277	343	408
212	267	331	411	489
219	276	342	424	505
250	315	391	484	576
283	357	443	549	653
275	346	429	532	633
314	396	491	609	725
347	437	542	672	800
329	415	515	638	759
371	468	580	720	856
464	585	710	843	980
386	486	603	747	889
433	545	676	838	997
543	684	831	986	1147

Central enclosure for assembly on a wall



Maximum power dissipated (W)

20 °C	25 °C	30 °C	35 °C	40 °C
127	160	198	246	293
168	212	263	326	388
206	260	322	400	476
202	255	316	392	467
246	310	384	477	567
279	351	435	540	642
261	329	408	506	602
302	381	472	586	697
343	432	536	664	790
315	397	492	610	726
357	450	558	692	823
452	569	690	819	952
361	455	564	700	833
410	516	640	793	944
529	666	807	958	1114

Technical details and certifications
Electrical continuity granted up to 10A

Electrical continuity of the structure and fixed and movable parts

The accessible metal parts in a switchboard must be electrically connected together and with the main protection conductor. The maximum resistance value allowed for this circuit is Ω 0,1.

According to standard IEC 61439-1 (part 8.4.3.2.2) "Specifications for earthing continuity to protect against the consequences of faults within switchgear", point "b":
"For covers, doors, closing plates and similar, the ordinary connections with metal screws and metal hinges are considered sufficient for electrical continuity so long as electrical devices that exceed the low voltage limits (ELV) are not installed on them".
To achieve this:

- only and exclusively use the screws and accessories supplied with the components
- comply with the assembly instructions given in the manuals

The electrical continuity in System pro E power enclosures is automatically granted for the structure by screws and the assembly method itself. Moreover, it is possible to use a braid for the connection in the case of movable metal parts (doors or removable panels) provided with earthing pins.

Electrical continuity garanted up to 10A in System pro E power components

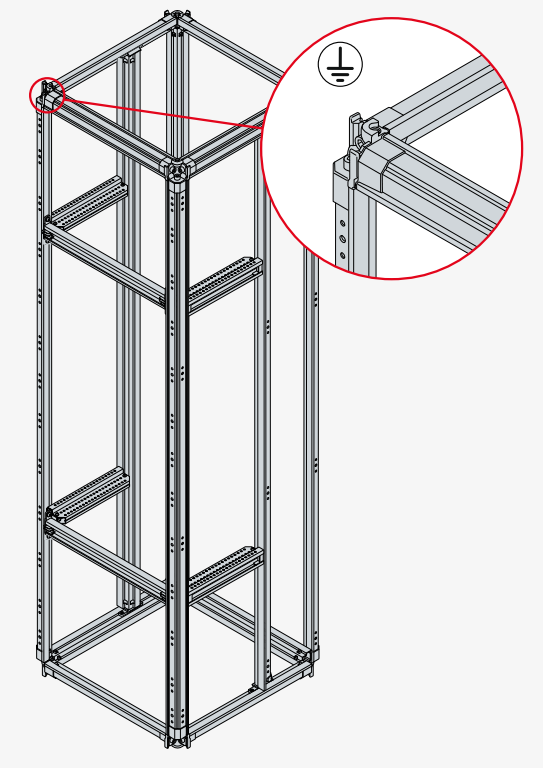
	Finishing		Electrical continuity	
Description	**Galvanized Metal Sheet/Stainless Steel AISI 304**	**Painted Metal Sheet**	**Automatically granted**	**By means of braid**
Uprights/Crosspieces	✓		✓	
WR frame	✓		✓	
Internal panels for devices		✓	✓	
Plates for devices	✓		✓	
External panels (side/rear/roof)		✓	✓	
Bottom with plinth		✓		✓
Bottom without plinth	✓		✓	
Frontal full door		✓		✓
Frontal partial door		✓	✓	

Technical details and certifications

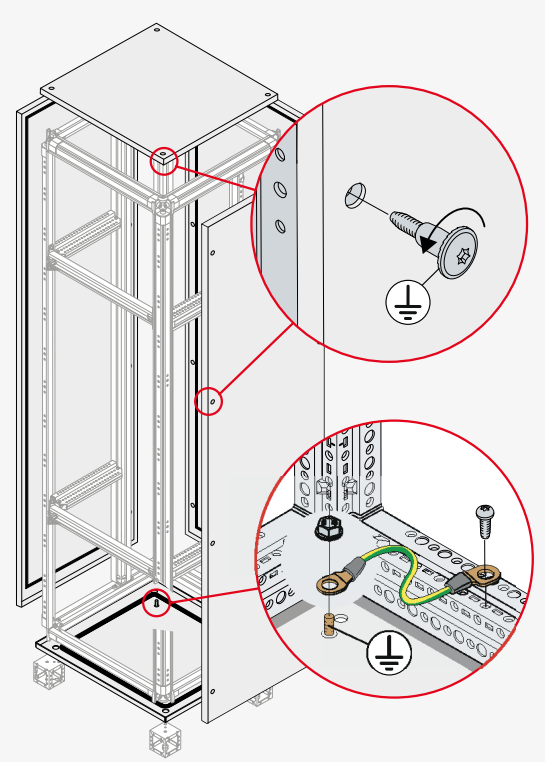
Electrical continuity granted up to 10A

—
01 The electrical continuity of the structure is automatically granted with the assembly of the structure itself, without the use of any dedicated accessory.
—
02 The side panels, the rear panels and the roof panels allows the electrical continuity by means of dedicated full thread head screws, which scratch the painting during the assembly. The bottom with plinth is provided with M6 pins, which allows the use of the traditional copper braid for the connection.
—
03 The blind and glass full doors are provided with M6 pins, which allows the use of the traditional copper braid for the connection.

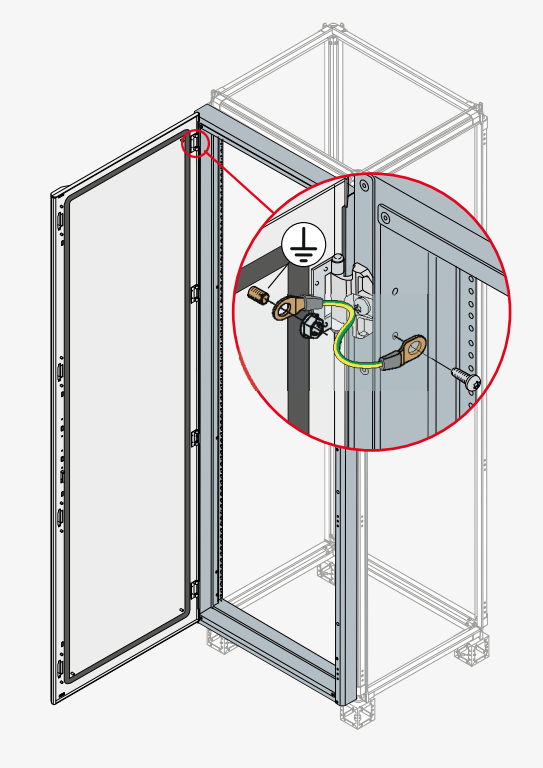
—
01



—
02



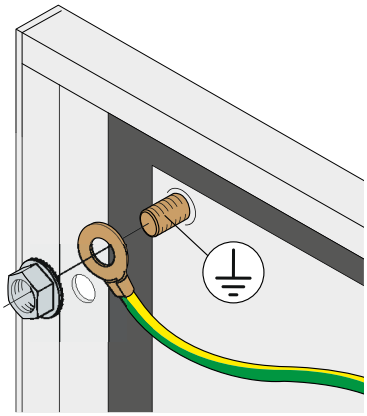
—
03



Technical details and certifications
Conductors

Earthing of the structure

It is obligatory to use a braid for the earth connection in the case of movable metal parts (doors, swing frames or removable panels) that must support electrical components differing from class 2 (which, being fitted with double insulation, are not earthed).



Calculation of protection conductor PE
Standard IEC 61439-1-2 contain the methods for calculating the section of the protection conductor PE, which must be sized to withstand the thermal and dynamic components of the fault currents.

The following conditions must be ascertained when choosing the position in which the bar is to be fixed:

- the bar must be connected straight to the earthed parts of the switchboard (structure);
- the bar must be connected in an easily accessible position.

—

Use the values in the table for sizing taken from Standards IEC 61439-1-2.

S (mm²)					Sp (mm²)
		S	≤	16	S
16	<	S	≤	35	16
35	<	S	≤	400	S/2
400	<	S	≤	800	200
		S	>	800	S/4

Equipotentiality conductor

Conductive parts of a device, which cannot be connected to the protection circuit with their own means of connection, must be connected to the protection circuit of the apparatus through the equipotentiality of the protection.
This is done by means of a protective bonding conductor, the section of which must be chosen in accordance with the table below.

Rated service voltage I_e (A)					Minimum section of the protective bonding conductor (mm²)
		I_e	≤	20	S
20	<	I_e	≤	25	2,5
25	<	I_e	≤	32	4
32	<	I_e	≤	63	6
63	<	I_e			10

S = section of the line conductor (mm²)

Conductor PEN

The section of the PEN conductors of an apparatus must be determined in the same way as the neutral conductor (N).
10mm2 is the minimum section of a copper conductor.

The PEN conductor does not need to be insulated. Structure parts must not be used as a PEN conductors. However, the copper or aluminium assembly tracks can be used as PEN conductors.

For conductors that are not made of copper, equivalent conductivity sections are used instead of the sections above and may require larger terminals.

Technical details and certifications
Ordinary and extraordinary maintainance

1. Marking of the Enclosure
The manufacturer of the Enclosures must supply a readable identifying plate during the whole Enclosures' operation cycle.
The information that must be present on the license plate are:

- Manufacturer's name and trademark;
- Identification number of the Enclosures that can allow further information to be obtained from the constructor of the Enclosures
- Means for the identification of the construction date
- IEC 61439-2 referral
- CE marking (not outside Europe)

Company	
Enclosure number	
Date	
Standard	

Check the marking of the painting by rubbing for 15 seconds a rag soaked in water and then, for another 15 seconds, with rag soaked in petrol according to the directions reported in IEC 61439-1 10.2.7; the markings obtained by molding, pressure and engraving - similar, including labels with a coating laminated plastic, should not be verified according to the test.

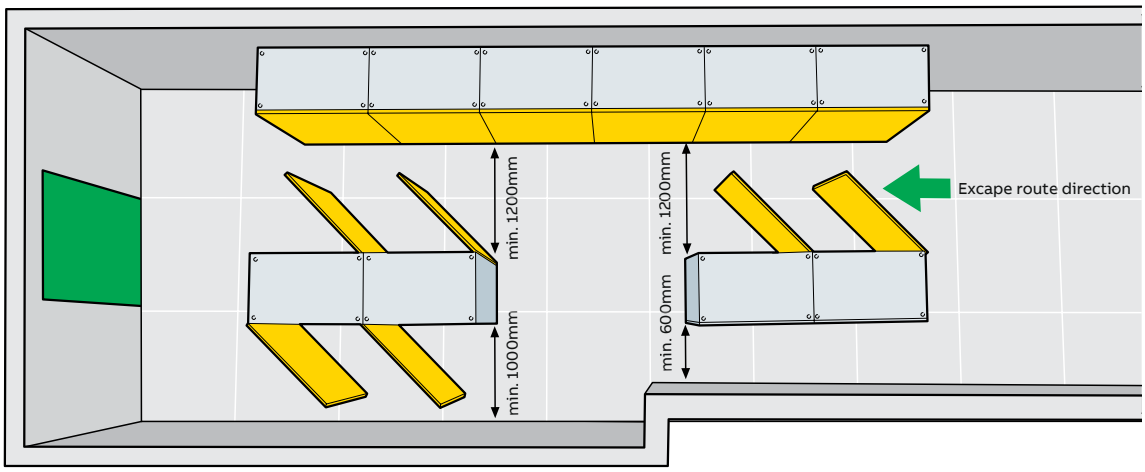
2. Required documentation to be attach to the painting:

- System pro E power Enclosures catalog and Equipment's catalog
- Instruction handbook for System pro E power components and Equipment's manual appliance instructions
- Document 1STC860086 Verification of the conditions installation
- If there are special service conditions agreed between the framework manufacturer and the user, verify that they are indeed in compliance to current Standard (see IEC 61439-1 7.2).

3. Installation and commissioning
The installation of the panel must take place in a position, which allows making easy accessibility both to the parts that can actually be object of maintenance and to the maneuvering devices, as an example:

- Keeping a distance of at least 600mm from the wall allows easy removal of the rear panel and assured thermal dissipation. The design, in fact, takes into account the positioning and the dimensions of the Enclosures, in order to guarantee compliance with the requirements for an effective maintenance.

For example, it is advisable to leave at least 600mm from the wall to allow easy removal of the back panel. The opening of the doors and swing frames must be granted. Suggested minimum distance without panel removal is 200mm.



Technical details and certifications

Ordinary and extraordinary maintainance

It must be possible to reach emergency exits in case of emergency without trouble.

- If the Enclosures are of considerable size, mechanical subdivisions must be prepared for an effective transport; before the floor installation, the mechanically parts must be reconnected as well as the electrical contacts.
- It is recommended the removal of glass door and extractable devices (if any) to avoid damage in the transport.
- Transport the loads following the instructions reported in the catalog.
- Floor fixing must take place on one leveled suitably base and free of excessive roughness with M12 class 8.8 screws.

Before activating the power supply of the Enclosures, it is recommended to check for any slack of the screws and to remove inclusions of dust and foreign bodies, etc.

- An example of the most important preliminary operations is summarized in Table 1.

Table 1

Action	Chek
Identification of the panel marking	
Visual inspection of cleaning and damage due to transport	
Visual inspection of seals integrity	
Tightening torques (Nm) of busbars and insulators: If previously marked with marker or varnish, carry out only a visual check, otherwise proceed with the verification of the tightening torques according to the table:	
Check tightening torque (Nm) Enclosures (External Panels, kit):	
Checking tightening torques (Nm) Devices:	
If previously marked with a felt-tip pen or paint, carry out only a visual check otherwise proceed with the verification of the tightening torques according to catalog indications and / or devices instruction manual	
Verification of the insulation resistance value between the three phases and between them and the mass	
Checking the correctness of the opening / closing operation on each appliance	
Verification of mechanical interlocks, if present	
Check operation of extraction and insertion on removable / removable devices, if any	
Verification of the connection of the auxiliary and measuring circuits, if any	
Verify the correct switching-on of any electronic measuring instruments, if any	
Verification of the correct intervention of the relays equipped with test button (switch in closed), if present	
Verification of auxiliary signals, if any	
Check correct relay ignition of electronic switches, if any	
Verification of operating cycles for motorized circuit breakers, if present	
Verification of the opening or emergency release coils, if any	
Check the auxiliary circuits of the withdrawable circuit-breakers in the isolated position, if present	
Check differential intervention using the Test key, if any	
Check switch adjustment, if any	
Check indications of voltmeters, lamps, analyzers, if any	

Component	(Nm)
PBHS0200	12
M6	8.9÷9.9
M8	21.8÷24.2
M10	43.2÷48
M12	74.3÷82.6
M14	117÷130
M16	177.5÷197.3

Component	(Nm)
Screws Kit (three-bar M6)	6
Screws / nuts M6	8.9÷9.9
Upright and cross-member screws (M10)	20
Screw for External Panels and hinges	5

Technical details and certifications

Ordinary and extraordinary maintainance

Once these actions are successfully completed, it is possible to start the "tensioning", always remembering to replace the covers previously removed. To power an electrical panel, normally:

- The line arrival switches are closed;
- The correct functioning of the instruments of measurement, of the network analyzerand of the lamps is verified;
- Outgoing switches are closed individually
- The correct functioning of the utilities has to be tested.
- If the instantaneous opening of an outgoing switch occurs, it is necessary to look for the reason of the fault and repeat all the above described procedures.

Once the installation is complete, it is necessary to check that the individual circuits and the respective devices of protection are identifiable by tags, which comply with IEC 81346-1 and 81346-2.

4. Maintenance planning

The maintenance activity must be planned by the performer of the installation on the basis of the information provided by the panel builder: the latter is requested to collect all the necessary documentation from the constructing company and to integrate it with his experience. Maintenance activities are divided in:

- ordinary maintenance in order to prevent failures and inefficiencies and to limit the deterioration of the Enclosures
- scheduled operations must be foreseen in order to ensure regular operation and the good preservation of all equipment.

Extraordinary maintenance after a seismic event. Verify that no failure of the structure has occurred, in particular take care of the uprights and crosspieces status; the Enclosures must be able to guarantee the correct operation of the performances and mechanical and electrical characteristics (IP, IK, insulation...).
In any case proceed as indicated for ordinary maintenance (see table 2).

Table 2

List	Verification type	Monthly	Biannual	Annual	Biennial
1	Verification of identification plate presence and availability of the wiring diagram			✓	
2	Check the integrity of the panel		✓		
3	Check the mechanical connections of the Enclosure				✓
4	Visual verification of mechanical, thermal and electrical damages including any oxidations			✓	
5	Equipment matching and wiring diagram verification			✓	
6	Verification of protection devices based on the detected loads			✓	
7	Measurement tools efficiency verification		✓		
8	Fuse integrity verification and signal lamps (auxiliary circuits in general)		✓		
9	Verification of the mechanical functioning of the equipment		✓		
10	Functional verification of differential protection devices	✓			
11	Functional testing of MT / BT drag, (if present)			✓	
12	Functional testing of safety circuits	✓			
13	Verification of the connection to the ground system and of the protective conductors			✓	
14	Checking torques of bolted elements			✓	
15	Checking the terminal board, tightening and connections of cables, busbars and busbar holder			✓	
16	General cleaning of the panel and related equipment			✓	

Technical details and certifications
Special painting and Instruction manuals

Customized directly in the factory

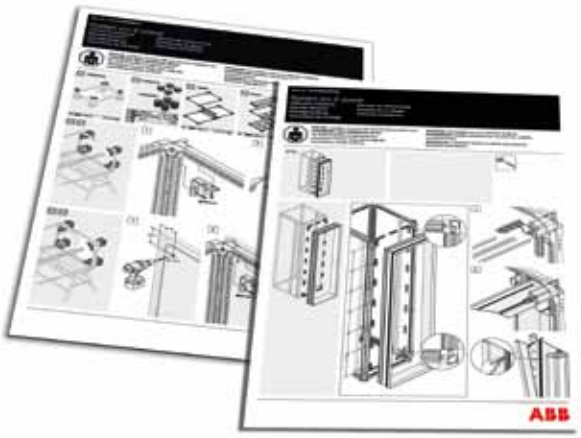
CUSTOM MADE SERVICE is an ABB service for Main Distribution Enclosures, which, on request, are supplied painted, drilled and, where necessary, assembled according to the customer's specific requirements.

Painting
A shade of color other than the standard one (grey orange peel RAL 7035) can be requested on the mounted versions of the enclosure.
For the various colors/finishes and for details of the painting cycle characteristics please contact ABB.

Customized drilling
CUSTOM MADE SERVICE offers also a drilling service complying with your own specific drawing, made using CAD .dwg or .dxf format drawings. Simply provide the useful dimensions. Should you prefer a solution ready to be worked with, you can choose the Custom Made Service solution dedicated to battery assembly of several columns.
The accessories can also be supplied already factory-mounted by ABB on request.

Instruction manuals
Detailed multi-language instruction manuals, including drawings, show the correct way to assemble the structures and the components inside them.

User compliance with manufacturer instructions allows the set-up of correctly selected and assembled electrical enclosures which conform to EN 61439-1 in accordance with the European Community Low Voltage Directive (Directive 2014/35/EU).





Technical details and certifications
Declaration of conformity

System pro E power switchboards with rated characteristics	
Rated service voltage Ue	up to 1000V AC / 1500V DC
Rated insulation voltage Ui	up to 1000V AC / 1500V DC
Rated current / Icw	up to 6300A / up to 150kA
IP protection class	IP30, IP31, IP40, IP41, IP54, IP65

If the components have been chosen and assembled correctly, as described in the catalogue and instruction manual, the resulting switchboards will conform to Standard IEC 61439-1-2, in accordance with the provisions established by the Low Voltage Directive adopted by the European Union 2007/95/EC (formerly Directive 73/23/EEC, Law 791/1977).

The above is valid if the switchboard has been designed and built:

- having chosen the materials on the basis of the performance values indicated in the ABB catalogues;
- having sized the conductors in accordance with the provisions established by Standards EN 61439-1 and CEI 64-8;
- having performed the individual tests established by Standard IEC 61439-1-2 and obtained positive results.

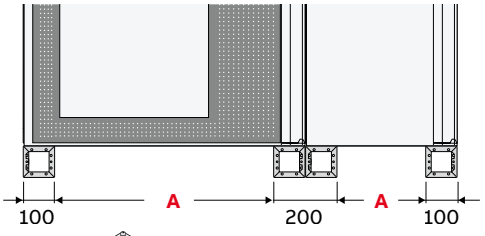
Technical details

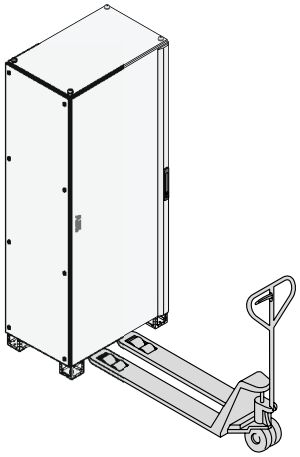
Information about disposal at the end of the lifecycle of the products
ABB SACE has conducted research into the end of the lifecycle of the product.
The assessments were made by applying the LCA (Life Cycle Assessment) method as established by ISO 14040 - 1997 and in accordance with the requirements established by SEMC in the ISO TR 14025 TYPE III Enviromental declarations (MSR 1999:2 – “Guidelines Environmental Product Declarations”) document.
The research was conducted considering the disposal and recycling processes of the main materials forming a typical switchboard.
Using the bill of materials as a starting point, the researchers considered the ease with which each part can be disassembled and separated as well as the ability to recycle the materials. They found that the product is almost entirely recyclable.
After this, they limited the bill of materials to the most significant components and assessed the lifecycle of each.
The result was the flow of recyclable materials and salvaged materials (or for incineration) indicated in the Table. In theory, none of the materials should end up in a landfill.

Substance	Destination
Aluminium scrap	Recycling
Copper scrap	Recycling
Polyurethane gaskets	Incineration
Fiberglass	Recycling
Scrapped glass	Recycling
Paper/cardboard	Recycling
Plastic insulators	Recycling
Sheet metal scrap	Recycling

Technical details and certifications
Handling

Handling with a transpallet

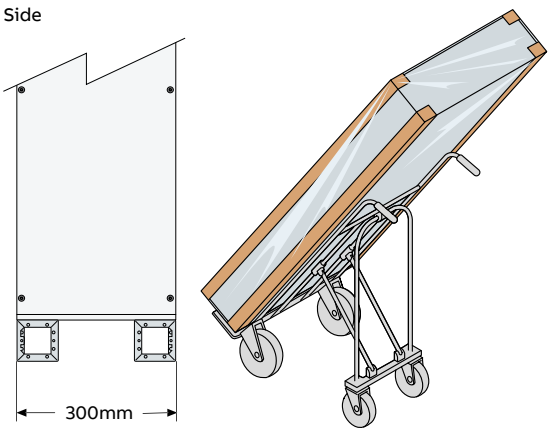




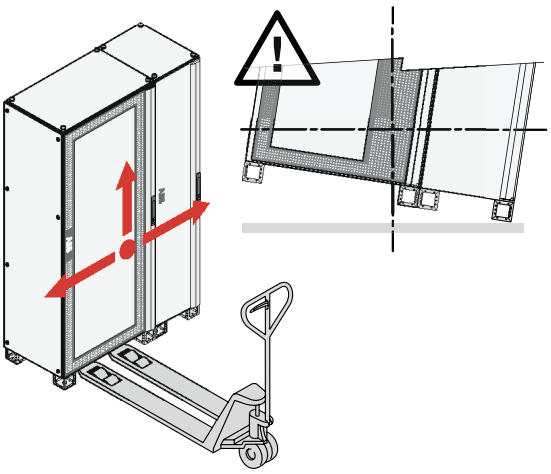
External dimensions W (mm)	A (mm)
350	248
400	298
500	398
600	498
800	698
850	748
1000	898
1100	998
1200	1098
1350	1298

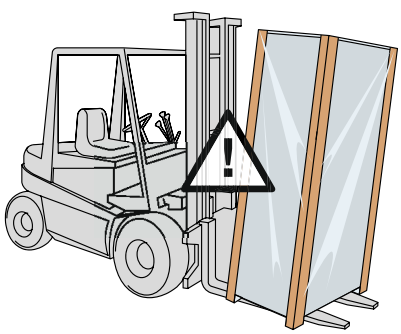
For extra safety, it is advisable to fasten the switchboard to the lift truck when using this type of vehicle for transport.

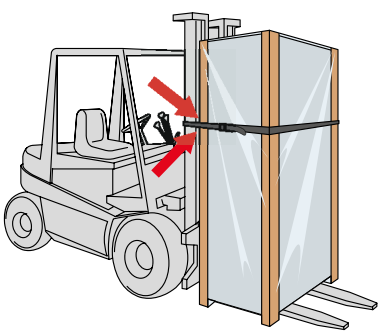
Shallow switchboards should be handled in the following way:



Check the center of gravity before handling structures measuring L=800/1000mm (with internal or external cable compartment) containing busbar systems.







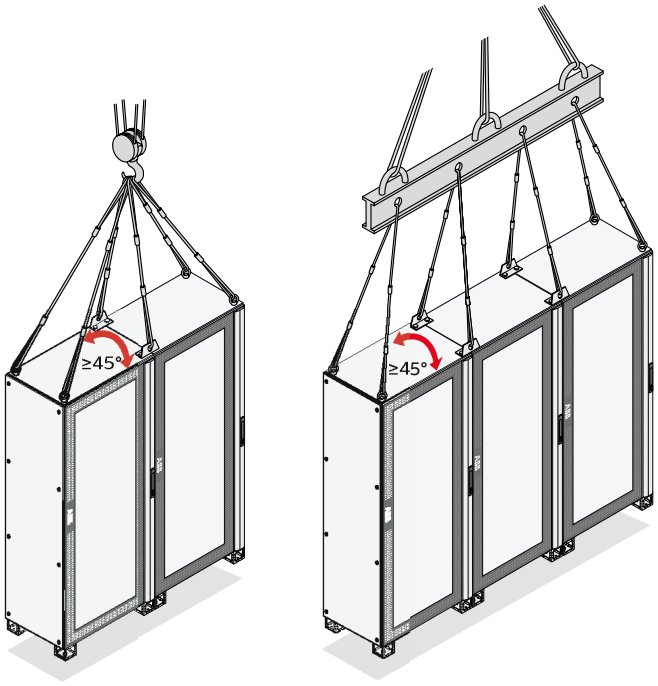
Technical details and certifications
Handling

Handling with a bridge crane

Before handling switchboards with a crane or bridge crane, make sure that:

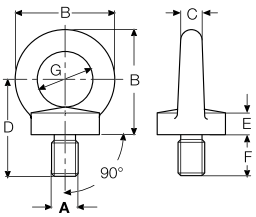
- the ropes or chains are in an excellent condition;
- the angle between the lifting ropes and the top of the switchboard must be ≥45°;
- up to 3 units can be carried at the same time;
- maximum weight lifted as established by Standard DIN 580 (M12).

To comply with the conditions described above, use a lifting beam with the appropriate characteristics when lifting several adjacent units.

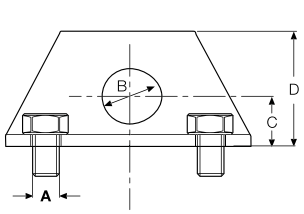


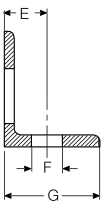
Standard DIN 580 concerning mechanical connection components (only for eyebolts)

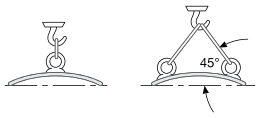
Eyebolts



Lifting reinforcements







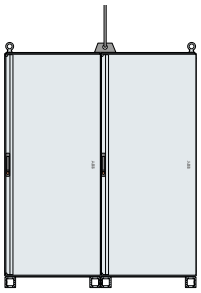
A	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Load 1 (kg)	Load 2 (kg)	Tightening (Nm)
Eyebolts									
M12	54	12	28	10	22	30	340	240	8*
Lifting reinforcements									
M12	Ø40	37	80	25	Ø14	60	510	350	40

Technical details and certifications
Handling

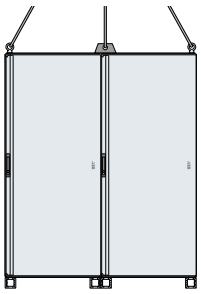
Maximum capacities
(in accordance with the IEC 62208 Standard



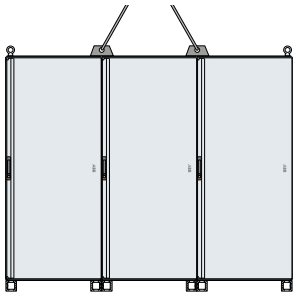
Number of columns	1
Weight of single column Kg	1000
Total weight of columns Kg	1000
Joining Kit	PSBS0065
	PSES0008
Lifting Kit	PEBL0004
Number of braces used	4



Number of columns	2
Weight of single column Kg	500
Total weight of columns Kg	1000
Joining Kit	PSBS0065
	PSES0008
Lifting Kit	PBRL0002
Number of braces used	2



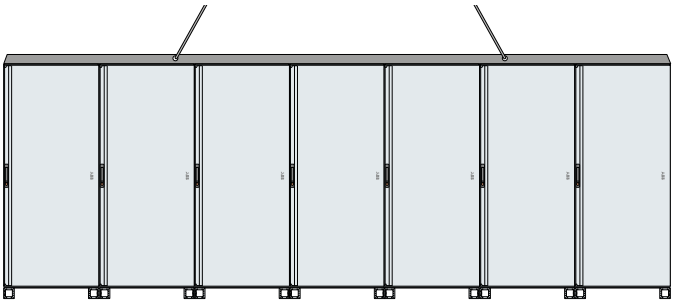
Number of columns	2
Weight of single column Kg	2000
Total weight of columns Kg	1000
Joining Kit	PSBS0065
	PSES0008
Lifting Kit	PEBL0004
	PBRL0002
Number of braces used	6



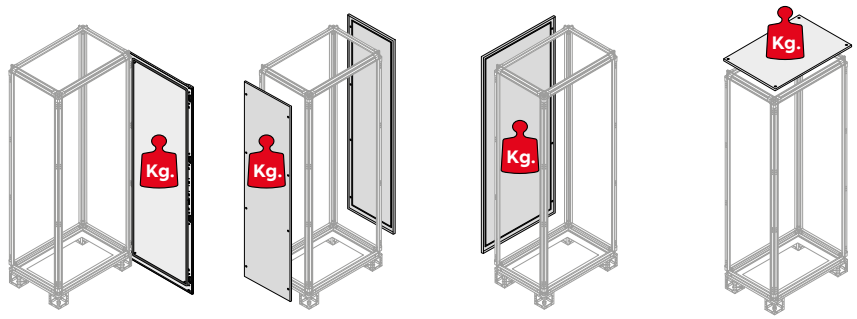
Number of columns	3
Weight of single column Kg	500
Total weight of columns Kg	1500
Joining Kit	PSBS0065
	PSES0008
Lifting Kit	PEBL0004
	PBRL0002
Number of braces used	4

Technical details and certifications
Handling

Maximum capacities
(in accordance with the IEC 62208 Standard



Maximum column length	6 meters
Weight of single column Kg	1000
Total weight of columns Kg	5000
Joining Kit	PSBS0065
	PSES0008
Lifting Kit	PEBL0004
	PBRL0002
Number of braces used	4

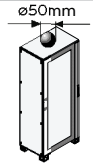
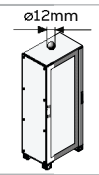
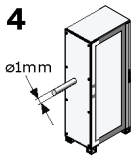
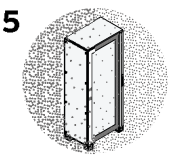
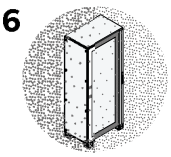


Door	**Side panel**		**Rear panel**		**Roof**
Kg	D (mm)	Kg	W (mm)	Kg	Kg
50	>800	90	>800	90	40
	≤800	110	≤800	110	

For column In ≥ 4000 A or particularly heavy columns, it is recommended the use of a single plinth.

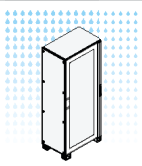
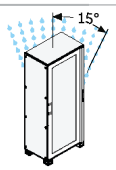
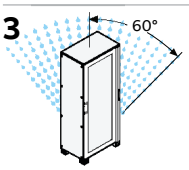
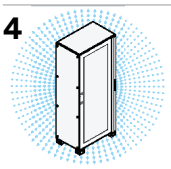
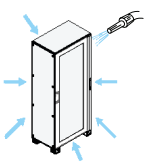
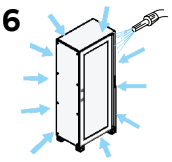
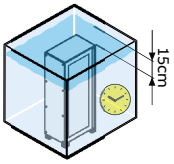
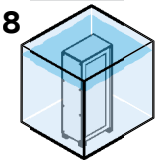
Technical details and certifications
IP protection class

Protection against ingress of solid objects

1st characteristic digit		Brief description	Full description
0		No protection	No particular protection is envisaged
1		Protected against solid objects larger 50mm (accidental contact with the hands)	A large area of the human body, for example a hand (however, voluntary protection is not envisaged) or solid objects larger than 50mm in diameter must not be able to penetrate
2		Protected against solid objects larger than 12mm (fingers)	The fingers or similar objects measuring 80mm or solid objects more than 12mm in diameter must not be able to penetrate
3		Protected against solid objects larger than 2.5mm (tools, wires)	Tools, wires, etc., more than 2.5mm in diameter or thickness or solid objects more than 2.5mm in diameter must not be able to penetrate
4		Protected against solid objects larger than 1mm	Wires or flat cables more that 1.0mm thick or solid objects more than 1.0mm in diameter must not be able to penetrate
5		Protected against dust (no harmful deposits)	Penetration of dust is not totally excluded but the quantity that may penetrate is not sufficient to impair the correct operation of the material
6		Totally protected against dust	No dust penetration is permitted

1st digit defined by Standards 61439-1-2 (Ref. sect. 10.3).

Protection against ingress of water

2nd characteristic digit		Brief description	Full description
0		No protection	No particular protection is envisaged
1		Protected against vertically dripping water (condensation)	Drops of water falling vertically must not produce harmful effects
2		Protected against water dripping at an angle up to 15° from the vertical	Drops of water falling vertically must not produce harmful effects when the enclosure is tilted at any angle up to 15° from its normal position
3		Protected against rain falling at an angle up to 60° from the vertical	Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effects
4		Protected against water splashing from all directions	Water splashing against the enclosure from any direction shall have no harmful effects
5		Protected against jets of water sprayed from all directions	Water projected by a nozzle from any direction shall have no harmful effects
6		Protected against jets of water similar to waves	Waves or powerful water jets shall not penetrate the enclosure in harmful quantities
7		Protected against the effects of temporary immersion	Ingress of water in harmful quantities shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time
8		Protected against the effects of continuous immersion	The equipment is suitable for continuous immersion under conditions which shall be specified by the manufacturer

2nd digit defined by Standards 61439-1-2 (Ref. sect. 10.3).

Technical details and certifications

IP protection class

Component	Without Gasket	With Gasket	Breaker	InLine	XLine Vertical 185mm	XLine Horizontal 185mm	External Cable Compartment	IP Column	CombiLine	IP Column
External Single Door		✓	-	-	-	-	-		✓	IP65 (1)
Blind Top		✓	-	-	-	-	-		✓	
Blind Bottom		✓	-	-	-	-	-		✓	
Open Top with flanges		✓	-	-	-	-	-		✓	
Open Bottom with flanges		✓	-	-	-	-	-		✓	
Blind Side		✓	✓	✓	✓	✓	✓	IP40	✓	
Blind Rear		✓	✓	✓	✓	✓	✓		✓	
Blind Top	✓		✓	✓	✓	✓	✓		✓	IP40 (2)
Blind Bottom	✓		✓	✓	✓	✓	✓		✓	
Blind Door for Internal Cable Compartment	✓		-	-	-	✓	-		-	
Internal bottom without plinth	✓		✓	-	-	-	-		-	
Internal bottom with plinth	✓		-	-	-	-			✓	
External Single Door	✓		✓	-	-	-	✓		-	
External Double Door	✓		✓	-	-	-	-		-	
Aerated Side		✓	✓	✓	✓	✓	✓	IP30	✓	IP30 (3)
Aerated Rear		✓	✓	✓	✓	✓	✓		✓	
Open Top	✓		✓	-	-	-	-		-	
Open Bottom with flanges	✓		-	-	-	-	✓		✓	
Internal Bottom with flanges	✓		-	-	-	-	-		✓	
Internal Bottom with plinth	✓		✓	✓	✓	✓	-		-	
External Bottom	✓		-	✓	✓	-	-		-	
Elevated Top	✓		✓	✓	✓	✓	-		✓	
Aerated top	✓		✓	✓	✓	✓	-		✓	

(1) IP54 with Double Door (2) IP41 with Top with gasket (3) IP31 with Top with gasket

The Maximum IP degree for the Breaker Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

The Maximum IP degree for the InLine Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

The Maximum IP degree for the XLine Vertical 185mm Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

The Maximum IP degree for the XLine Horizontal 185mm Column is IP30.

The Maximum IP degree for the XLine Horizontal 50mm Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

The Maximum IP degree for the XLine Vertical 185mm Column is IP55 with single door; IP54 with double door. By selecting components belonging to IP40 list, there will be a de-rating in the IP protection degree down to IP40. IP41 is possible when keeping using the Blind Top with gasket. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30. IP31 is possible when keeping using the Blind Top with gasket.

The Maximum IP degree for the External Cable Compartment Column is IP40. By selecting components belonging to IP30 list, there will be a de-rating in the IP protection degree down to IP30.

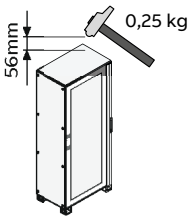
Technical details and certifications
Mechanical shock resistance IK

The IK is expressed in Joule in compliance with the requirements of IEC 62262.

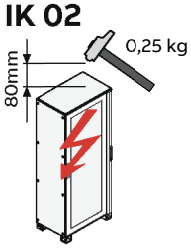
IK 0
Not protected



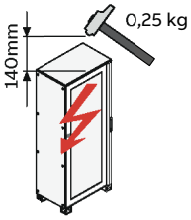
IK 01
Impact energy in
Joule 0.140



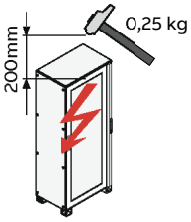
IK 02
Impact energy in
Joule 0.200



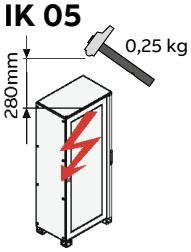
IK 03
Impact energy in
Joule 0.350



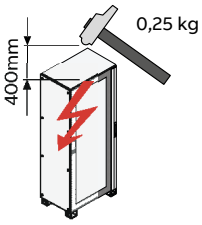
IK 04
Impact energy in
Joule 0.500



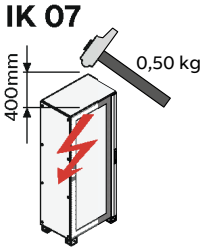
IK 05
Impact energy in
Joule 0.700



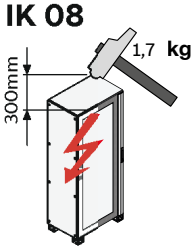
IK 06
Impact energy in
Joule 1.00



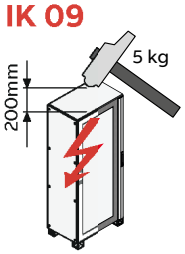
IK 07
Impact energy in
Joule 2.00



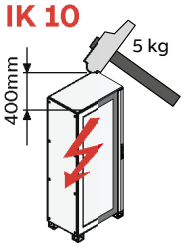
IK 08
Impact energy in
Joule 5.00



IK 09
System pro E power
Glass door
Impact energy in
Joule 10.00



IK 10
System pro E power
Blind door
Impact energy in
Joule 20.00



Technical details and certifications
Segregations

Segregations in accordance with Standard IEC 61439-1-2

Segregation form means the type of division inside the switchboard. Segregation by means of metal or insulating barriers or partitions may be required to:

- Provide protection against direct contacts (at least IPXXB) when a de-energized part of a switchboard must be accessed while the rest of it remains energized.
- Reduce the possibility of internal arc ignition and propagation.
- Prevent solid bodies from passing between different parts of the switchboard (protection class at least IP2X).

Partition means the element that separates two compartments while the barrier protects the operator from direct contact and from the effects of the arc of a switching device in the usual direction of access.

The partition can also be a casing that is an integral part of an apparatus, e.g. a moulded-case circuit-breaker.

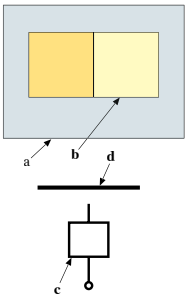
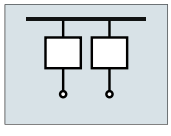
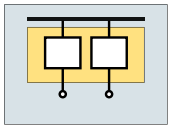
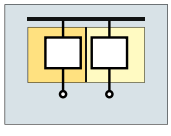
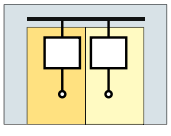
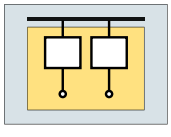
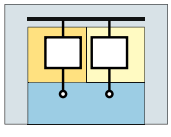
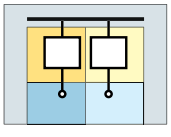
Internal segregation kits

The different segregation Forms, (Form 2a, 2b, 3a and 4b), that can be created in the new System pro E power main distribution switchboard are described in the following pages.
The descriptions include the following inFormation for each segregation Form:

- the basic conditions for its creation
- the various solutions
- the reference tables for the choice of codes

Generally speaking, the basic segregation Form of the circuit-breaker kits (Form 1) passes to Form 4b by adding different accessories in sequence, depending on the case in question.

The main innovation introduced by the new System pro E power segregation system concerns the kits for circuit-breakers with front (with high terminals*) and rear terminals for Form 2b.

Symbols	Form 1	Form 2	Form 3	Form 4
	No internal segregation	Segregation of busbars from all functional units	Segregation of busbars from all functional units. • Segregation of all functional units from each other • Segregation of the terminals for external conductors and the external conductors from the functional units, but not from the terminals of other functional units	Segregation of busbars from all functional units. • Segregation of all functional units from each other • Segregation of the terminals for external conductors associated with a functional unit from the terminals of any other functional unit and from the busbars • Segregation of the external conductors from the busbars • Segregation of the external conductors associated with a functional unit from other functional units and their terminals • The external conductors do not need to be separated from each other
		Form 2a The terminals for external conductors are not separated from the busbars	**Form 3a** The terminals for external conductors are not separated from the busbars	**Form 4a** The terminals for external conductors are in the same compartment as associated functional unit
				
		Form 2b The terminals for external conductors are separated from the busbars	**Form 3b** The terminals for external conductors and the external conductors are separated from the busbars	**Form 4b** The terminals for external conductors are not in the same compartment as associated functional unit but are in individual spaces or compartments, separated, enclosed and protected
Key a Empty enclosure b Internal segregation c Functional unit, including the terminals for the associated external conductors d Busbars, including the distribution busbars				

Technical details and certifications
Specification

Main busbars

Effective currents and number of necessary GPO3 busbar holders PGPO.... See codes at page 2-24.

				ICW 36											ICW 50									
I (A) Rated	section MBB (mm)	I (A) Effective	Icw max.	250	300	400	500	700	750	900	1000	1100	1250	250	300	400	500	700	750	900	1000	1100	1250
1000/1250	2X20X10	1500	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1
1600	2X40X10	1600	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
2000	2X60X10	2400	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2500	2X80X10	2500	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
3200	4X40X10	3200	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
4000	4X60X10	3600	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
5000	6X60X10 L1 L2 L3 + 4x60x10 N	5500	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
6300	6X80X10	5700	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

				ICW 75											ICW 100									
I (A) Rated	section MBB (mm)	I (A) Effec-tive	Icw max.	250	300	400	500	700	750	900	1000	1100	1250	250	300	400	500	700	750	900	1000	1100	1250
1000/1250	2X20X10	1500	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1600	2X40X10	1600	75	-	-	-	1	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-
2000	2X60X10	2400	75	-	-	-	1	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-
2500	2X80X10	2500	75	-	-	-	-	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-
3200	4X40X10	3200	100	-	-	-	-	1	1	1	1	1	2	-	-	-	1	2	2	2	2	2	3
4000	4X60X10	3600	100	-	-	-	-	1	1	1	1	1	2	-	-	-	1	2	2	2	2	2	3
5000	6X60X10 L1 L2 L3 + 4x60x10 N	5500	120	-	-	-	-	1	1	1	1	1	2	-	-	-	1	2	2	2	2	2	3
6300	6X80X10	5700	150	-	-	-	-	1	1	1	1	1	2	-	-	-	1	2	2	2	2	2	3

				ICW 120											ICW 150									
I (A) Rated	section MBB (mm)	I (A) Effective	Icw max.	250	300	400	500	700	750	900	1000	1100	1250	250	300	400	500	700	750	900	1000	1100	1250
1000/1250	2X20X10	1500	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1600	2X40X10	1600	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	2X60X10	2400	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2500	2X80X10	2500	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3200	4X40X10	3200	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4000	4X60X10	3600	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5000	6X60X10 L1 L2 L3 + 4x60x10 N	5500	120	-	-	1	1	2	2	2	2	2	3	-	-	-	-	-	-	-	-	-	-
6300	6X80X10	5700	150	-	-	1	1	2	2	2	2	2	3	-	-	1	1	2	2	2	2	2	3

Technical details and certifications

Specification

Breakers W

Breaker type	Breaker rating [A]	Es.			Pol.	Effective current [A]	Configuration in column breaker	No. Side breaker	Icw (max reached)	Icc
T5	400	W	HR	HR	4P	320	M	1	-	75 kA
T5	630	W	HR	HR	4P	500	H	1	-	75 kA
T5	400	W	HR	HR	4P	280	-	2	-	75 kA
T5	400	W	HR	HR	4P	250	-	3	-	75KA
T6	630	W	HR	HR	4P	550	M	1	-	75kA
T6	630	W	HR	HR	4P	550	M+H	1	-	75kA
T6	630	W	HR	HR	4P	550	M+L	1	-	75kA
T6	630	W	HR	HR	4P	550	-	2	-	75kA
T6	630	W	HR	HR	4P	550	-	3	-	75kA
T6	800	W	HR	HR	4P	700	M	1	-	75kA
T6	800	W	HR	HR	4P	700	M+H	1	-	75kA
T6	800	W	HR	HR	4P	700	M+L	1	-	75kA
T6	800	W	HR	HR	4P	700	-	2	-	75kA
T6	800	W	HR	HR	4P	620+620+620	-	3	-	75kA
T7	800	W	HR	HR	4P	800	M	1	-	75kA
T7	800	W	HR	HR	4P	800	M+H	1	-	75kA
T7	800	W	HR	HR	4P	800	M+L	1	-	75kA
T7	800	W	HR	HR	4P	680	-	2	-	75kA
T7	800	W	HR	HR	4P	680	-	3	-	75kA
T7	1000	W	HR	HR	3P	1000	M	1	-	75kA
T7	1000	W	HR	HR	4P	1000	M+H	1	-	75kA
T7	1000	W	HR	HR	3P	1000	M+L	1	-	75kA
T7	1000	W	HR	HR	4P	1000	-	2	-	75kA
T7	1000	W	HR	HR	4P	750	-	3	-	75kA
T7	1250	W	HR	HR	4P	1125	M	1	-	75kA
T7	1250	W	HR	HR	4P	1125	M+H	1	-	75kA
T7	1250	W	HR	HR	4P	1125	M+L	1	-	75kA
T7	1250	W	HR	HR	4P	1125	-	2	-	75kA
T7	1250	W	HR	HR	4P	920	-	3	-	75kA
T7	1600	W	HR	HR	3P	1300	M	1	-	75kA
T7	1600	W	HR	HR	4P	1200	M+H	1	-	75kA
T7	1600	W	HR	HR	4P	1200	M+L	1	-	75kA
T7	1600	W	HR	HR	4P	1200	-	2	-	75kA
E1.2	1000	W	HR	HR	4P	1000	M	1	50 kA	-
E1.2	1000	W	HR	HR	4P	1000	M+H	1	50 kA	-
E1.2	1000	W	HR	HR	4P	1000	M+L	1	50 kA	-
E1.2	1000	W	HR	HR	4P	1000	-	2	50 kA	-
E1.2	1000	W	HR	HR	4P	1000	-	3	50 kA	-
E1.2	1250	W	HR	HR	4P	1200	M	1	50 kA	-
E1.2	1250	W	HR	HR	4P	1200	M+H	1	50 kA	-
E1.2	1250	W	HR	HR	4P	1200	M+L	1	50 kA	-
E1.2	1250	W	HR	HR	4P	1200	-	2	50 kA	-
E1.2	1250	W	HR	HR	4P	1200	-	3	50 kA	-
E1.2 (N 50%)	1600	W	HR	HR	4P	1550	M	1	50 kA	-
E1.2	1600	W	HR	HR	4P	1400	M+H	1	50 kA	-
E1.2	1600	W	HR	HR	4P	1550	M+L	1	50 kA	-
E1.2	1600	W	HR	HR	4P	1280	-	3	50 kA	-
E2.2	1600	W	HR	HR	4P	1550	M	1	75 kA	-
E2.2	1600	W	HR	HR	4P	1470+1550	M+H	1	75 kA	-
E2.2	1600	W	HR	HR	4P	1470+1550	M+L	1	75 kA	-
E2.2	2000	W	HR	HR	4P	2000	M	1	75 kA	-

CONTINUE

Breakers W

Breaker type	Breaker rating [A]	Es.			Pol.	Effective current [A]	Configuration in column breaker	No. Side breaker	Icw (max reached)	Icc
E2.2	2000	W	HR	HR	4P	1920+1950	M+H	1	75 kA	-
E2.2	2000	W	HR	HR	4P	1920+1950	M+L	1	75 kA	-
E2.2 (N 50%)	2500	W	HR	HR	4P	2000	M	1	75 kA	-
E2.2	2500	W	HR	HR	3P	2000+2000	M+H	1	75 kA	-
E2.2	2500	W	HR	HR	4P	2500	M+L	1	75 kA	-
E4.2	2500	W	HR	HR	4P	2500	M	1	-	-
E4.2 (N 50%)	3200	W	HR	HR	4P	2800	M	1	100 kA	-
E4.2	3200	W	HR	HR	4P	2800	M	1	100kA	-
E4.2 (N 50%)	4000	W	HR	HR	4P	3200	M	1	100kA	-
E6.2 (N 50%)	5000	W	HR	HR	4P	4400	M	1	150KA	-
E6.2 (N 100%)	6300	W	HR	HR	4P	4900	M	1	150KA	-

Breakers F

Breaker type	Breaker rating [A]	Es.			Pol.	Effective current [A]	Configuration in column breaker	No. side breaker	Icw (max reached)	Icc
T5	400	F	HR	HR	4P	400	M	1	-	75 kA
T5	630	F	HR	HR	4P	630	H	1	-	75 kA
T5	400	F	HR	HR	4P	360	-	2	-	75 kA
T5	400	F	HR	HR	4P	320	-	3	-	75KA
T6	630	F	HR	HR	4P	550	M	1	-	75kA
T6	630	F	HR	HR	4P	550	M+H	1	-	75kA
T6	630	F	HR	HR	4P	550	M+L	1	-	75kA
T6	630	F	HR	HR	4P	550	-	2	-	75kA
T6		F	HR	HR	4P	550	-	3	-	75kA
T6	800	F	HR	HR	4P	700	M	1	-	75kA
T6	800	F	HR	HR	4P	700	M+H	1	-	75kA
T6	800	F	HR	HR	4P	700	M+L	1	-	75kA
T6	800	F	HR	HR	4P	700	-	2	-	75kA
T6	800	F	HR	HR	4P	775+775+775	-	3	-	75kA
T6	1000	F	HR	HR	4P	800	M	1	-	75kA
T6	1000	F	HR	HR	4P	800	M+H	1	-	75kA
T6	1000	F	HR	HR	4P	800	M+L	1	-	75kA
T6	1000	F	HR	HR	4P	800	-	2	-	75kA
T6	1000	F	HR	HR	4P	800	-	3	-	75kA
T7	800	F	HR	HR	4P	800	M	1	-	75kA
T7	800	F	HR	HR	4P	800	M+H	1	-	75kA
T7	800	F	HR	HR	4P	800	M+L	1	-	75kA
T7	800	F	HR	HR	4P	800	-	2	-	75kA
T7	800	F	HR	HR	4P	800	-	3	-	75kA
T7	1000	F	HR	HR	3P	1000	M	1	-	75kA
T7	1000	F	HR	HR	4P	1000	M+H	1	-	75kA
T7	1000	F	HR	HR	3P	1000	M+L	1	-	75kA
T7	1000	F	HR	HR	4P	1000	-	2	-	75kA
T7	1000	F	HR	HR	4P	750	-	3	-	75kA
T7	1250	F	HR	HR	4P	1200	M	1	-	75kA
T7	1250	F	HR	HR	4P	1200	M+H	1	-	75kA

CONTINUE

Technical details and certifications

Specification

Breakers F

Breaker type	Breaker rating [A]	Es.			Pol.	Effective current [A]	Configuration in column breaker	No. side breaker	Icw (max reached)	Icc
T7	1250	F	HR	HR	4P	1200	M+L	1	-	75kA
T7	1250	F	HR	HR	4P	1200	-	2	-	75kA
T7	1250	F	HR	HR	4P	1000	-	3	-	75kA
T7	1600	F	HR	HR	3P	1350	M	1	-	75kA
T7	1600	F	HR	HR	4P	1350	M+H	1	-	75kA
T7	1600	F	HR	HR	4P	1350	M+L	1	-	75kA
T7	1600	F	HR	HR	4P	1350	-	2	-	75kA
T7 F	1600	F	HR	HR	3P	1550+1300+1150	-	3	-	75kA
E1.2	1000	F	HR	HR	4P	1000	M	1	50 kA	-
E1.2	1000	F	HR	HR	4P	1000	M+H	1	50 kA	-
E1.2	1000	F	HR	HR	4P	1000	M+L	1	50 kA	-
E1.2	1000	F	HR	HR	4P	1000	-	2	50 kA	-
E1.2	1000	F	HR	HR	4P	1000	-	3	50 kA	-
E1.2	1250	F	HR	HR	4P	1250	M	1	50 kA	-
E1.2	1250	F	HR	HR	4P	1250	M+H	1	50 kA	-
E1.2	1250	F	HR	HR	4P	1250	M+L	1	50 kA	-
E1.2	1250	F	HR	HR	4P	1250	-	2	50 kA	-
E1.2	1250	F	HR	HR	4P	1250	-	3	50 kA	-
E1.2	1600	F	HR	HR	4P	1550	M	1	50 kA	-
E1.2	1600	F	HR	HR	4P	1550	M+H	1	50 kA	-
E1.2	1600	F	HR	HR	4P	1550	M+L	1	50 kA	-
E1.2	1600	F	HR	HR	3P	1400	-	2	50 kA	-
E1.2	1600	F	HR	HR	4P	1280	-	3	50 kA	-
E2.2	1600	F	HR	HR	4P	1550	M	1	75 kA	-
E2.2	1600	F	HR	HR	4P	1470+1550	M+H	1	75 kA	-
E2.2	1600	F	HR	HR	4P	1470+1550	M+L	1	75 kA	-
E2.2	2000	F	HR	HR	4P	2000	M	1	75 kA	-
E2.2	2000	F	HR	HR	4P	1920+1950	M+H	1	75 kA	-
E2.2	2000	F	HR	HR	4P	1920+1950	M+L	1	75 kA	-
E2.2 (N 50%)	2500	F	HR	HR	4P	2500	M	1	75 kA	-
E2.2	2500	F	HR	HR	3P	2500+2500	M+H	1	75 kA	-
E2.2	2500	F	HR	HR	4P	1920+1950	M+L	1	75 kA	-
E4.2	2500	F	HR	HR	4P	2500	M	1	100kA	-
E4.2	3200	F	HR	HR	4P	2800	M	1	100 kA	-
E4.2	3200	F	HR	HR	4P	2800	M	1	100kA	-
E4.2	4000	F	HR	HR	4P	3200	M	1	100kA	-
E6.2 (N 50%)	5000	F	HR	HR	4P	4400	M	1	150KA	-
E6.2 (N 100%)	6300	F	HR	HR	4P	4900	M	1	150KA	-

Technical details and certifications

Specification

Fuse adapter

Breaker type	Breaker rating [A]	Es.			Pol.	Effective current [A]	Icc
ADAPTERS XT1	160	W	HR	HR	4P	140	50
ADAPTERS XT2	160	W	HR	HR	4P	140	75
ADAPTERS XT3	250	W	HR	HR	4P	120	50
ADAPTERS XT4	250	W	HR	HR	4P	170	75
ADAPTERS XT5	400	W	HR	HR	4P	330	75
ADAPTERS XT5	630	W	HR	HR	4P	440	75
ADAPTERS XT6	630	W	HR	HR	4P	560	75
ADAPTERS XT6	800	W	HR	HR	4P	650	75
	160	W	HR	HR	4P	95	75
SLIM LINE	250	W	HR	HR	4P	160	75
SLIM LINE	400	W	HR	HR	4P	300	75
SLIM LINE	630	W	HR	HR	4P	400	75
Fuse InLine	630	W	HR	HR	4P	600	75
Fuse InLine	400	W	HR	HR	4P	360	75
Fuse InLine	250	W	HR	HR	4P	230	75
Fuse InLine	160	W	HR	HR	4P	150	75

Chapter 4
Overall dimensions

4–2 **Frame**

4–4 **External covers**

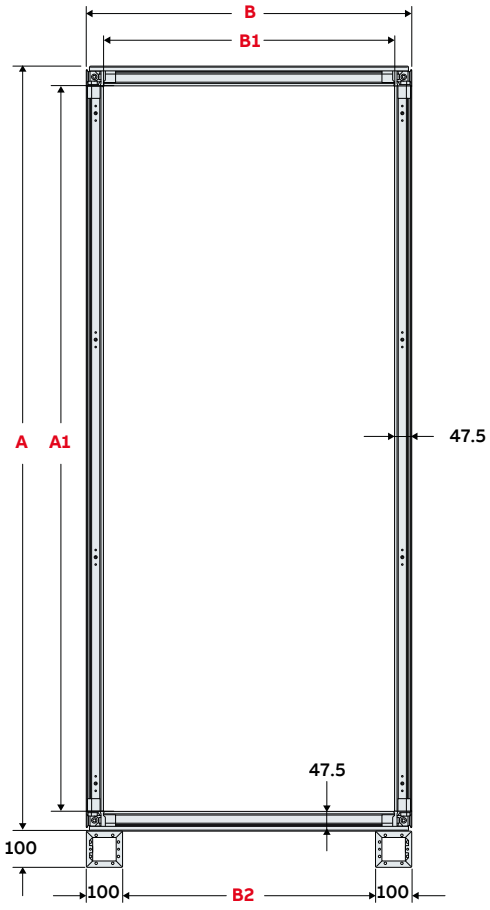
4–8 **Modules WR mounting frame**

4–9 **Useful space**

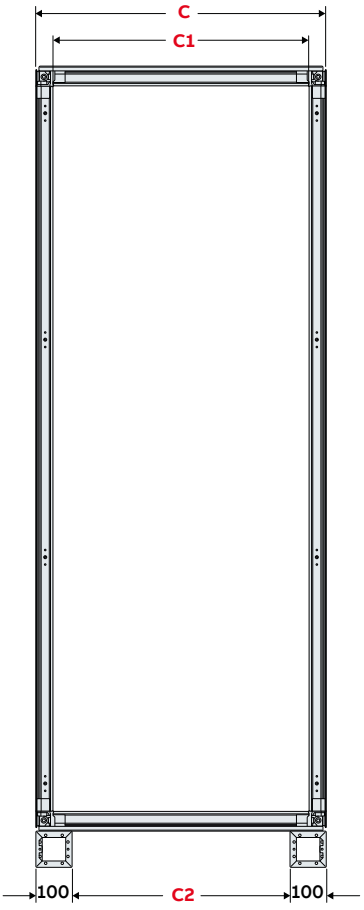
Overall dimensions

Frame

Front



Side



Height measurements (mm)

A	A1
2100	2000

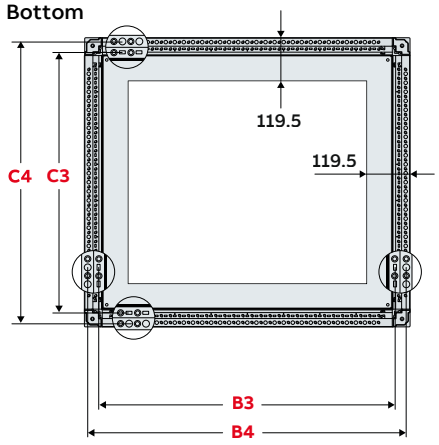
Width measurements (mm)

B	B1	B2	B3	B4	B5	B6	B7	B8
350	254	148	287	325	194	271	348	226
400	304	198	337	375	244	321	398	276
500	404	298	437	475	344	421	498	376
600	504	398	537	575	444	521	598	476
700	604	498	637	675	544	621	698	576
800	704	598	737	775	644	721	798	676
850	754	648	787	825	694	771	848	726
1000	904	798	937	975	844	921	998	876
1100	1004	898	1037	1075	944	1021	1098	976
1200	1104	998	1137	1175	1044	1121	1198	1076
1350	1254	1148	1287	1325	1194	1271	1348	1226

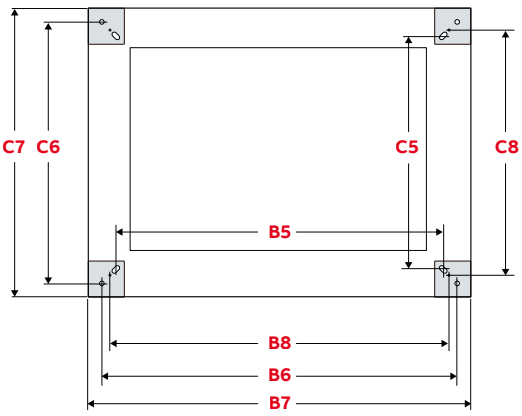
Depth measurements (mm)

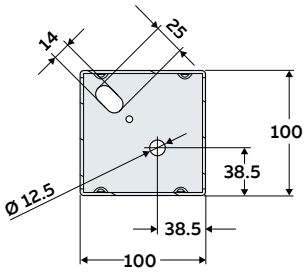
C	C1	C2	C3	C4	C5	C6	C7	C8
600	504	398	537	575	444	521	598	476
800	704	598	737	775	644	721	798	676
1000	904	798	937	975	844	921	998	876

Bottom



Fixing on floor



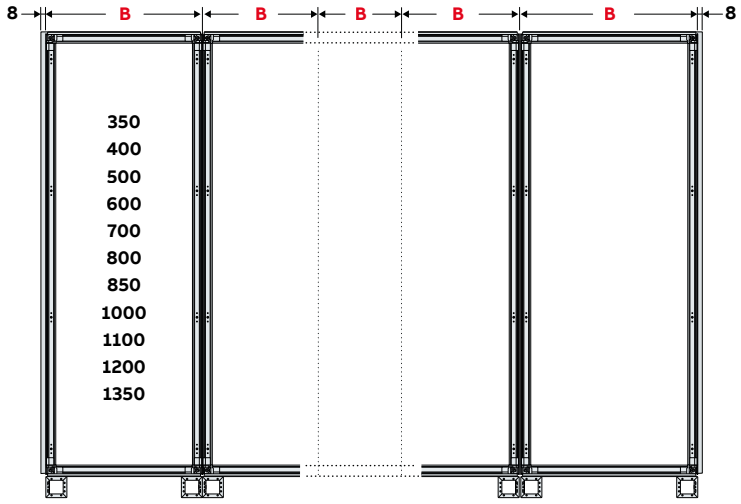


The measurements are given in millimeters

Overall dimensions

Overall dimensions for several adjacent structures

Front



Side

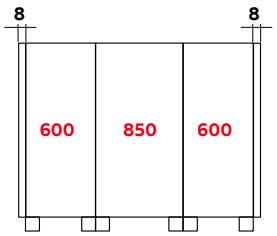


Total width calculation

Add 16mm for the 2 side panels (8+8=16mm)

Example

600 + 850 + 600 +16 = 2.066



Total depth calculation C

XLine Horizontal, CombiLine, External cable compartment
Depth of the structure + 48mm
(front and rear covers including handle)

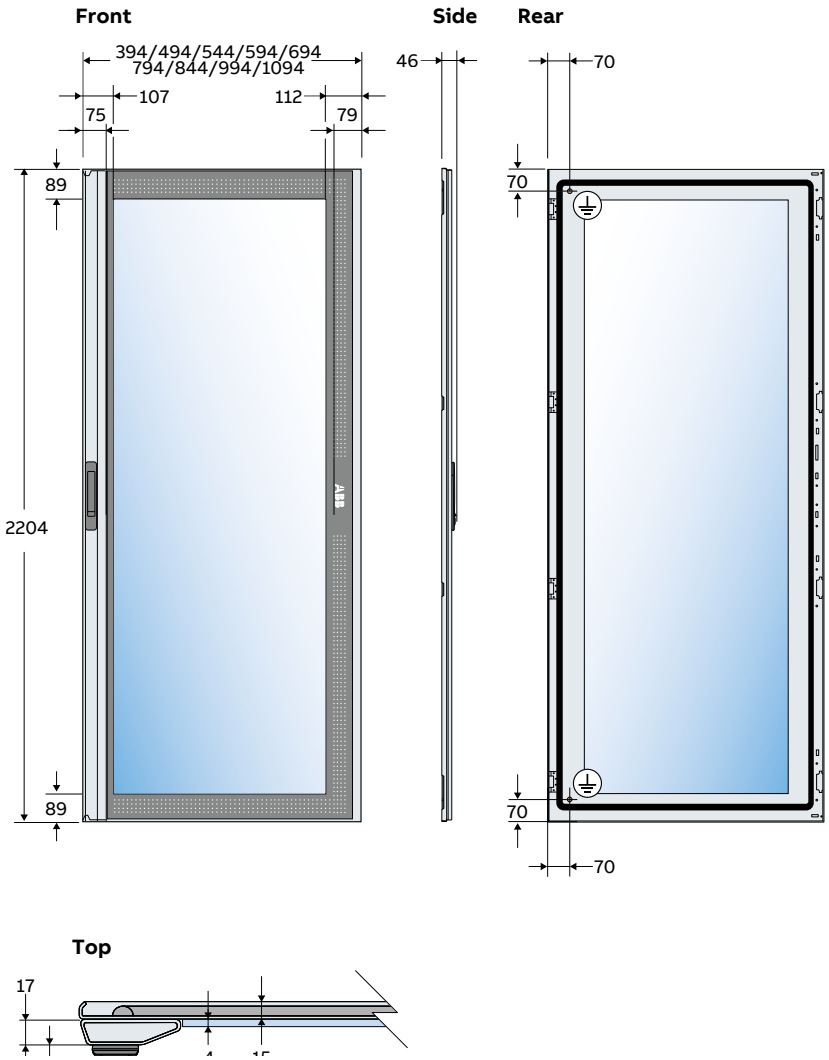
Vertical circuit breaker, InLine, XLine Vertical
Depth of the structure + 28mm
(front segment doors and rear covers)

The measurements are given in millimeters

Overall dimensions

External covers

Glass doors

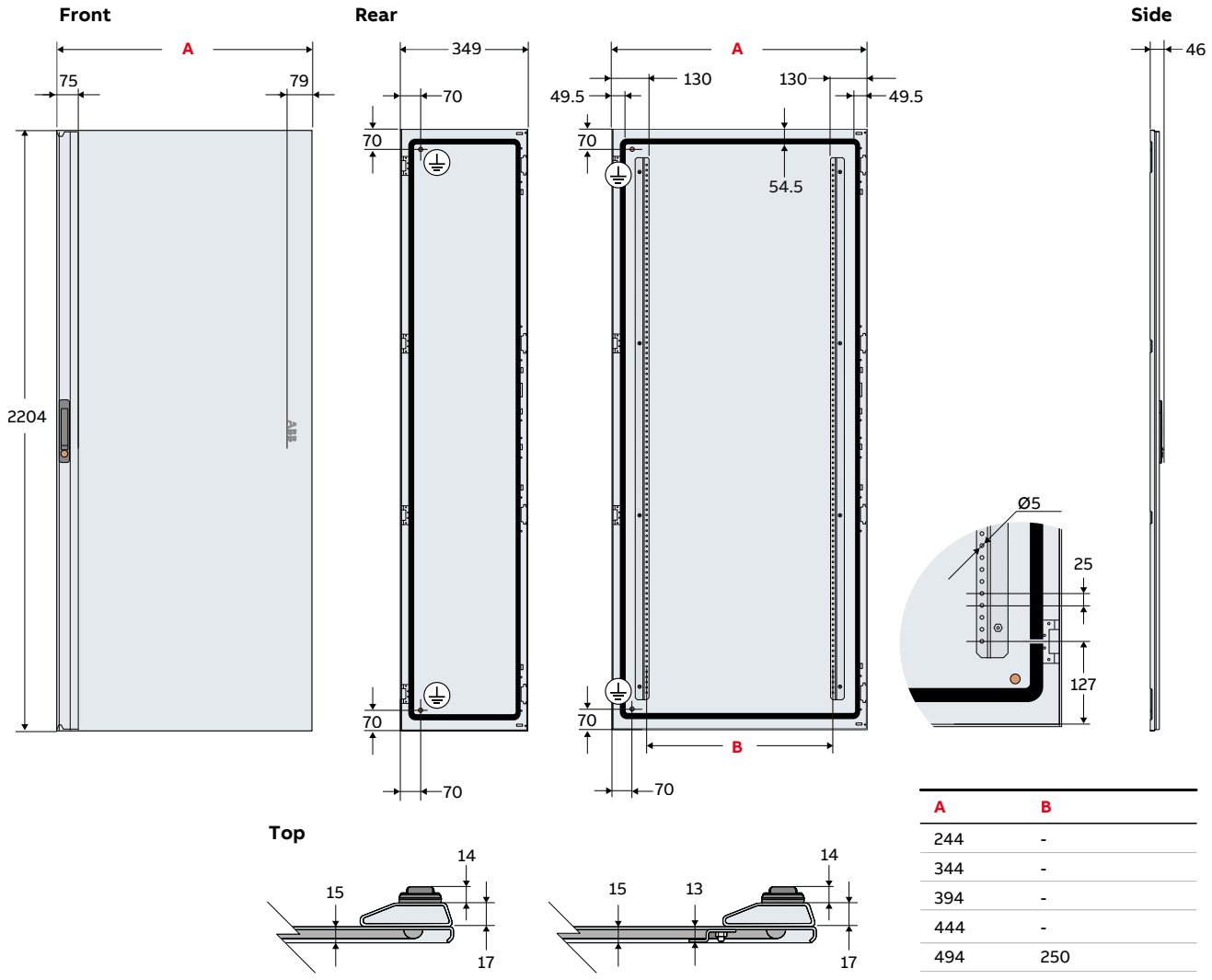


The measurements are given in millimeters

Overall dimensions

External covers

Blind doors



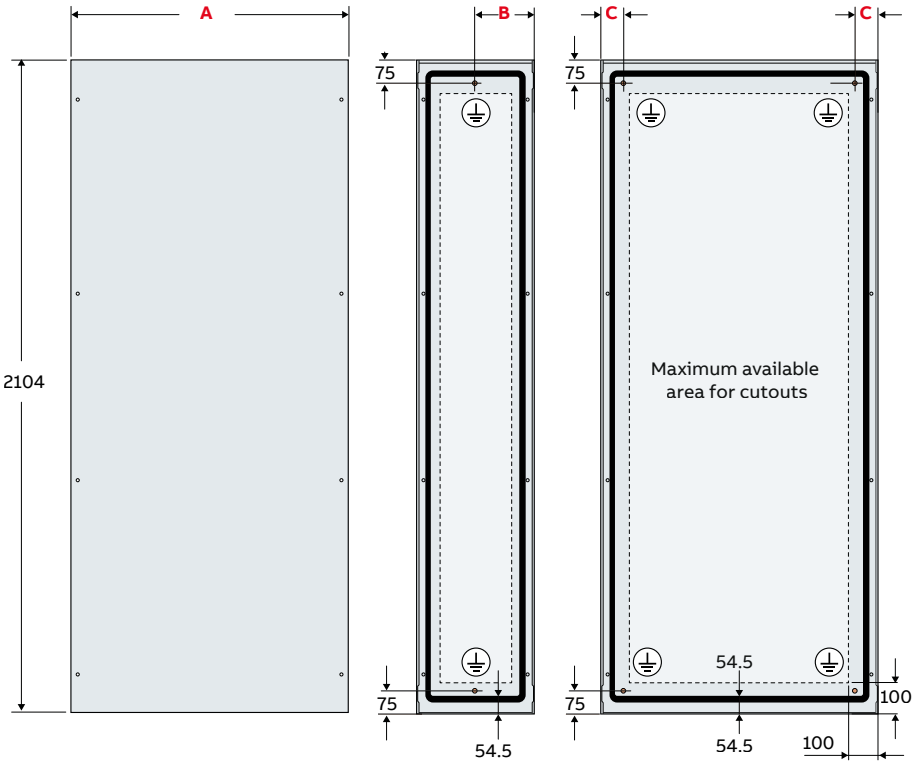
A	B
244	-
344	-
394	-
444	-
494	250
544	300
594	350
794	550
844	600
1094	850

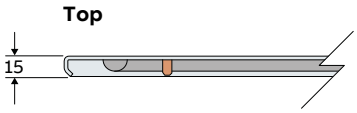
The measurements are given in millimeters

Overall dimensions

External covers

Rear, side panels





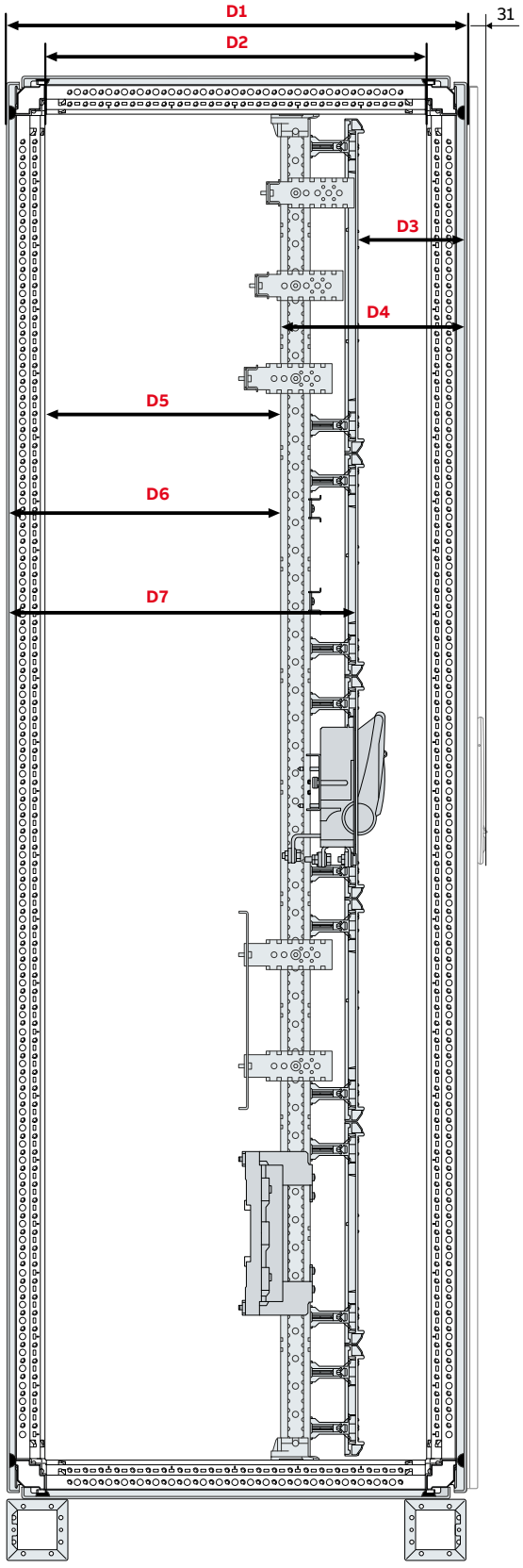
Rear panels		
A	B	C
239	194.5	
339	244.5	
489		75
439		75
489		75
539		75
589		75
689		75
789		75
859		75
989		75

Side panels	
A	C
589	75
789	75
989	75

The measurements are given in millimeters

Overall dimensions

Modules WR mounting frame



CombiLine

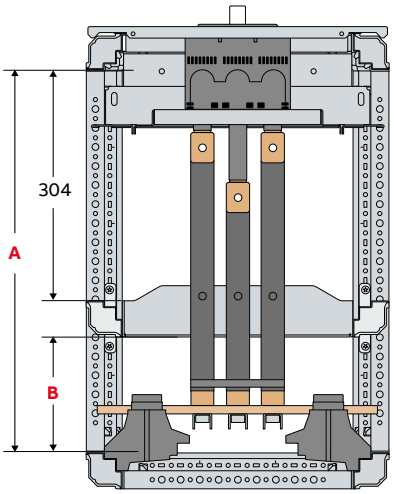
D1	D2	D3	D4	D5	D6	D7
616	504	133	238	320	375	477
816	704	133	238	520	575	677
1016	904	133	238	720	775	877

The measurements are given in millimeters

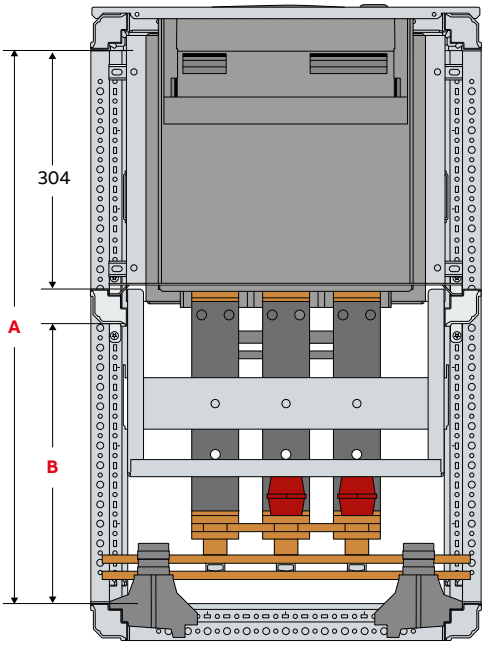
Overall dimensions

Useful space

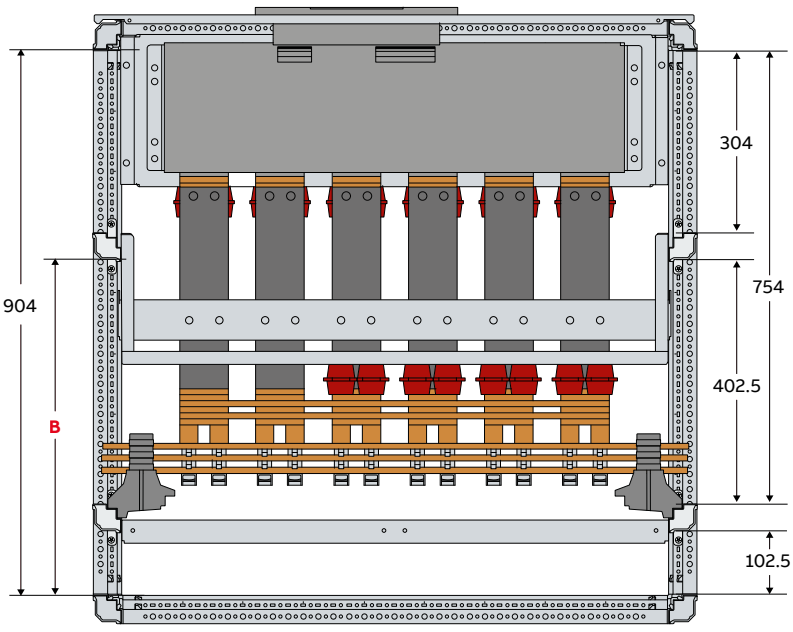
Tmax



Emax



Emax depth 1000mm



W	A	B
600	504	152.5
800	704	352.5
1000	904	552.5

The measurements are given in millimeters

Chapter 5
List of codes

5–2 **Delivered in kit**

5–26 **Delivered assembled**

List of codes

Delivered in kit

Type	Oder code	Page
AA1560	1STQ009138A0000	2–151
AA1560	1STQ009138A0000	2–210
AA1570	1STQ009137A0000	2–151
AA1570	1STQ009137A0000	2–210
AA6200	1STQ009135A0000	2–151
AA6200	1STQ009135A0000	2–210
AA8004	1STQ009136A0000	2–151
AA8004	1STQ009136A0000	2–210
AD1058	1STQ009134A0000	2–151
AD1058	1STQ009134A0000	2–210
EV1001	1STQ006855A0000	2–212
EV1002	1STQ006856A0000	2–212
EV1040	1STQ000977A0000	2–212
EV1041	1STQ000978A0000	2–212
EV1042	1STQ003343A0000	2–212
EV1043	1STQ000979A0000	2–212
EV1045	1STQ003345A0000	2–212
EV1047	1STQ003346A0000	2–212
EV1048	1STQ003661A0000	2–212
EV5223	1STQ005223B0000	2–212
PAKF0000	1STQ005983B0000	2–138
PANC0001	1STQ006499B0000	2–67
PANC0002	1STQ006500B0000	2–67
PANC0003	1STQ006501B0000	2–57
PANC0003	1STQ006501B0000	2–57
PANC0004	1STQ006502B0000	2–58
PANC0005	1STQ006503B0000	2–123
PANC0006	1STQ006504B0000	2–123
PANC0006	1STQ006504B0000	2–123
PANC0006	1STQ006504B0000	2–123
PANC0006	1STQ006504B0000	2–123
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PANC0006	1STQ006504B0000	2–123
PANC0006	1STQ006504B0000	2–123
PANC0007	1STQ006505B0000	2–178
PANC0008	1STQ006506B0000	2–161
PANC0008	1STQ006506B0000	2–161
PANC0009	1STQ006507B0000	2–161
PANC0010	1STQ006508B0000	2–161
PANC0010	1STQ006508B0000	2–161
PANC0010	1STQ006508B0000	2–161
PANC0011	1STQ006509B0000	2–59
PANC0012	1STQ006510B0000	2–178
PANC0013	1STQ006511B0000	2–54
PANC0013	1STQ006511B0000	2–54
PANC0013	1STQ006511B0000	2–54
PANC0013	1STQ006511B0000	2–54
PANC0014	1STQ006512B0000	2–54
PANC0014	1STQ006512B0000	2–54
PANC0014	1STQ006512B0000	2–55
PANC0014	1STQ006512B0000	2–55
PANC0014	1STQ006512B0000	2–55
PANC0015	1STQ006513B0000	2–65
PANC0016	1STQ006514B0000	2–65
PANC0017	1STQ006515B0000	2–55
PANC0017	1STQ006515B0000	2–55
PANC0017	1STQ006515B0000	2–55
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PANC0017	1STQ006515B0000	2–56
PANC0018	1STQ006516B0000	2–55
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PPVB4030A	1STQ002490M0000	2–127
PPVB5530A	1STQ002491M0000	2–162
PPVB7530A	1STQ002492M0000	2–71
PPVS1230A	1STQ002493M0000	2–126
PPVS6030A	1STQ002494M0000	2–71
PPVS7010A	1STQ002495M0000	2–75
PPVS7060A	1STQ002496M0000	2–75
PPVS7080A	1STQ002497M0000	2–75
PPVS7111A	1STQ002498M0000	2–75
PPVS7161A	1STQ002499M0000	2–75
PPVS7181A	1STQ002500M0000	2–75
PPVS9031A	1STQ002501M0000	2–162
PPVT4030A	1STQ002502M0000	2–126
PPVT5530A	1STQ002503M0000	2–162
PPVT7530A	1STQ002504M0000	2–71
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PPVTT750A	1STQ002508M0000	2–71
PPVTT750A	1STQ002508M0000	2–71
PPVX1501A	1STQ002509M0000	2–158
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PPVX1504A	1STQ002512M0000	2–158
PPVX1504A	1STQ002512M0000	2–174
PPVX2002A	1STQ002513M0000	2–158
PPVX2002A	1STQ002513M0000	2–174
PPVX2003A	1STQ002514M0000	2–158
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PRVS0480A	1STQ002523M0000	2–127
PRVS5510A	1STQ002524M0000	2–162
PRVS5560A	1STQ002525M0000	2–162
PRVS5580A	1STQ002526M0000	2–162
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PSCB0006A	1STQ002529M0000	2–21
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PSFE425326A	1STQ002531M0000	2–47
PSFE425338A	1STQ002532M0000	2–47
PSFE432318A	1STQ002533M0000	2–47
PSFE432326A	1STQ002534M0000	2–47
PSFE432338A	1STQ002535M0000	2–47
PSFE440318A	1STQ002536M0000	2–47
PSFE440328A	1STQ002537M0000	2–47
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PSFE650138A	1STQ002543M0000	2–49
PSFE663118A	1STQ002544M0000	2–49
PSFE663128A	1STQ002545M0000	2–49
PSFE663138A	1STQ002546M0000	2–49
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PSHF1580A	1STQ002581M0000	2–73
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PSHF1610A	1STQ002582M0000	2–73
PSHF1612A	1STQ002583M0000	2–73
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PSHF6162A	1STQ002588M0000	2–74
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PSHF6460A	1STQ002595M0000	2–73
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PSHF8241A	1STQ002603M0000	2–74
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PSHF8260A	1STQ002604M0000	2–72
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PSHF8460A	1STQ002607M0000	2–73
PSHF8460A	1STQ002607M0000	2–73
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PSHF8610A	1STQ002609M0000	2–73
PSHF8612A	1STQ002610M0000	2–73
PSHF8613A	1STQ002611M0000	2–73
PSHF8614A	1STQ002612M0000	2–73
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PSHS0509A	1STQ002615M0000	2–69
PSHS0600A	1STQ002616M0000	2–162
PSHS0601A	1STQ002617M0000	2–70
PSHS0601A	1STQ002617M0000	2–122
PSHS0601A	1STQ002617M0000	2–162
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PSHS0609A	1STQ002619M0000	2–69
PSHS0609A	1STQ002619M0000	2–69
PSHS0609A	1STQ002619M0000	2–69
PSHS0800A	1STQ002620M0000	2–70
PSHS0800A	1STQ002620M0000	2–122
PSHS0800A	1STQ002620M0000	2–162
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PSHS1000A	1STQ002622M0000	2–122
PSHS1000A	1STQ002622M0000	2–162
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PSHS1209A	1STQ002626M0000	2–69
PSHS1309A	1STQ002627M0000	2–69
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PSHW6151A	1STQ002632M0000	2–74
PSHW6160A	1STQ002633M0000	2–72
PSHW6250A	1STQ002634M0000	2–72
PSHW6250A	1STQ002634M0000	2–72
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PSHW6260A	1STQ002636M0000	2–72
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PSHW6261A	1STQ002637M0000	2–74
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PSHW8050A	1STQ002643M0000	2–72
PSHW8052A	1STQ002644M0000	2–74
PSHW8151A	1STQ002645M0000	2–74
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PSHW8610A	1STQ002653M0000	2–73
PSHW8612A	1STQ002654M0000	2–73
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PSVF7080A	1STQ002670M0000	2–38
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PSVR1000A	1STQ002690M0000	2–126
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PSVRE261A	1STQ002696M0000	2–69
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PSVRT660A	1STQ002721M0000	2–69
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PSVRT751A	1STQ002724M0000	2–70
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