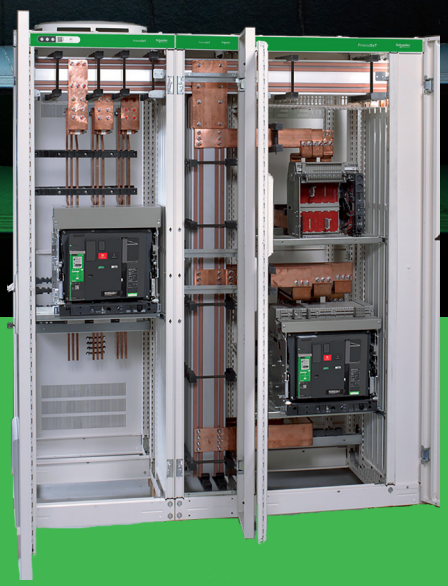
PrismaSeT P 4000 A

Catalog 2026
Cubicles up to 4000 A

Version 5.0



se.com

Schneider Electric

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Presentation

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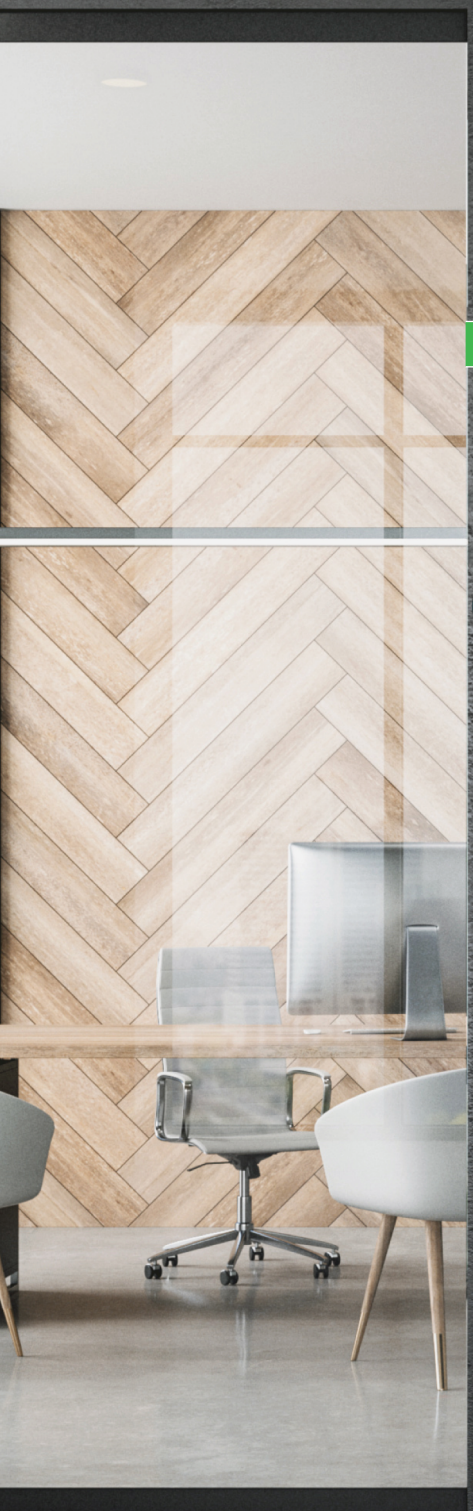
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PrismaSeT P 4000 A - Reliable, Easily Connected

The new PrismaSeT P 4000 A switchboard is the market forerunner with built-in cloud connectivity, allowing instant access to smart alarm system, energy usage analysis, trends, and preventative maintenance plans. Built-in cloud connectivity allows users to be notified of the round-the-clock electrical distribution as well as voltage loss if any. This maximizes efficiency and power availability, while creating the basis for future innovations. The PrismaSeT P 4000 A switchboard also allows easy wireless integration of sensors.



Offer values

Simplicity

Easy installation
Simple to install connected solutions with panel server

Robustness and Design
New design with new structure color, increased frame and door robustness

Win more business

Protection
Deliver greater peace of mind



PrismaSeT P 4000 A - Reliable, Easily Connected

New design with sustainable packaging

Enhance buildings with in-built connectivity and efficient design

The new design of Prisma**SeT** P 4000 A increases the robustness of the panels, helps to gain efficiency on every level and provides peace of mind to the panel builders, electrical contractors and facility managers.

In addition, the new 100% green packaging decreases the quantity of waste and its disposal cost by using only cartons.

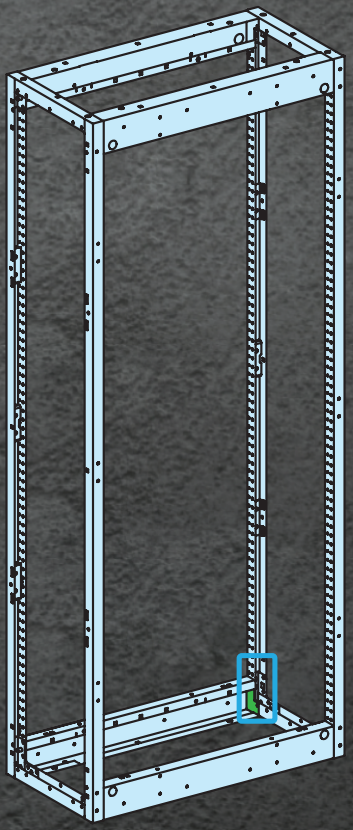
Green Packaging

- Progressive cancellation of plastic and polystyrene of packaging.
- 100% recyclable cardboards.
- Time & money saving to sort waste.
- New cross beam in cardboard for a more robust packaging.



Reinforced Frame

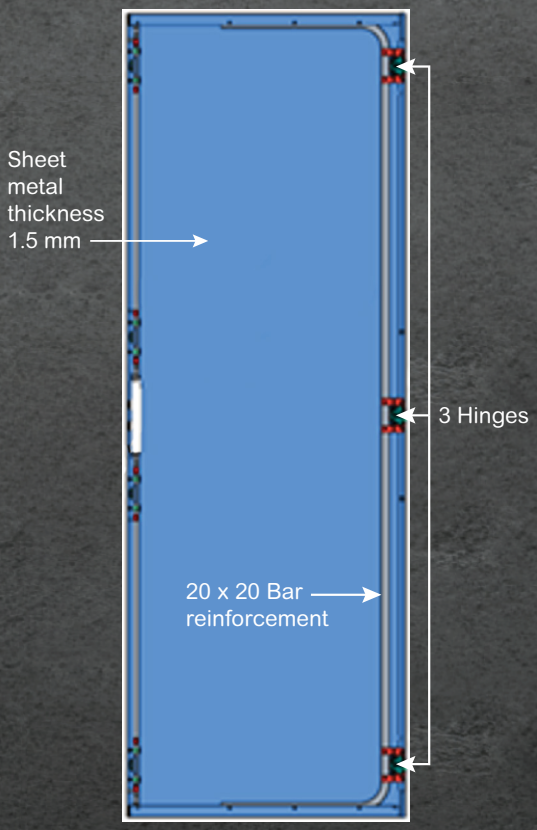
- Easier transportation and handling during assembly.
- Reinforcement on the lower angle levels using additional accessories.



Reinforced Plain Door

- 3 hinges
- Sheet metal thickness 1.5 mm
- 20 x 20 bar reinforcement

IP 30/31 Plain Door



New Improved Handle

- More robust handle.
- Keyless entry door.
- Ergonomic and Aesthetically handle design.



Digital Instruction Sheets

- Cancellation of systematic printed instruction in each packaging.
- 1 printed 'Super Leaflet' with all instructions (available to order once).
- 1 systematic QR code to link to the right instruction sheets.

04696034AH

Wireless Sensor for Early Detection of Overheating Cables

SMT10020_1.eps



SMT10020

HeatTag is a smart sensor for early detection of overheating wire connections or overheating cables. HeatTag helps prevent electrical switchboards from being damaged, by analyzing gas and particles in the air and sending alerts before any smoke or insulator browning.

Standards

The HeatTag smart sensor complies with the following standards:

- IEC 61010-1:2017 UL/CSA/EU CENELEC deviations
- IEC/EN 61326-1b FCC Part 15B and 15C
- ETSI/EN 300328
- ETSI/EN 301489-1
- IEEE 802.15.4

Note:
Do not use HeatTag as a safety device. HeatTag does not replace the fire protection devices of the building.

Presentation

HeatTag smart sensor:

- Sends three levels of alert depending on the severity of the situation it detects.
- Helps prevent potential fire damage by analyzing gas and micro-particles emitted by cable sheaths when overheating.
- Measures temperature and humidity.
- Communicates with all Schneider Electric EcoStruxure panel servers or gateways.
- Is integrated in EcoStruxure solutions.

The HeatTag sensor must be installed only in non-forced air ventilated switchboards. It must be mounted on a DIN rail.
During the first 30 minutes after commissioning, HeatTag can generate an alert for test. It then takes another 8 hours for HeatTag to define its nominal environment and to be fully operational. Each time the HeatTag sensor is powered on, these 30-minute and 8-hour sequences are repeated.

Operation

Paired with Schneider Electric panel servers or gateways, HeatTag reports:

- Alerts
- Air quality index
- Temperature and humidity measurement
- Self-diagnosis information

Air Quality

HeatTag provides an air quality index, ranging from 0 to 10, and displays the air quality evolution trend in a table.
When the air quality index is equal or above 10, HeatTag sends an alert. It has detected abnormal cable sheath heating in the switchboard.

Detection Alert

An alert is triggered when HeatTag detects abnormal cable sheath heating in the switchboard, which can be caused by:

- One or more loose connections (too high contact resistance)
- A poorly sized cable compared to the rated current
- Overcurrent and poorly regulated protective equipment

Alerts are triggered with three severity levels:

- Low level: a cable is slowly overheating in the installation, you must plan a maintenance visit of the installation.
- Medium level: a cable is overheating in the installation, you must go quickly to the installation for maintenance.
- High level: a cable overheats very quickly, you must check the installation immediately.

The orange application led flashes when HeatTag sends an alert to the panel servers or gateways.

Temperature

HeatTag provides a temperature value with a 30 second default transmission period. The transmission period can be increased by the system in case of high wireless data traffic.

Humidity

The HeatTag provides a humidity rate with a 30 second default transmission period. The transmission period can be increased by the system in case of high wireless data traffic.

Self-Diagnosis

HeatTag carries out two types of diagnosis:

- A minor alert is sent when the fan rpm is 80% of its nominal rpm, which means fan clogging.
- A major alert is sent when HeatTag is faulty. In this case it cannot report measures at all, nor reports incorrect measures.

Wireless Sensor for Early Detection of Overheating Cables

HeatTag Smart Design

- No settings
- Nominal environment auto-learning to avoid false alerts
- Concentrator auto-discovery
- Alerts generated by a powerful algorithm integrated in HeatTag

Electrical Characteristics

Supply voltage	110-277 V AC, -15 % / +15 %
Frequency	50-60 Hz
Max. consumption	0.1 A
Operating temperature	-15 °C / +70 °C (5 °F to 158 °F)
Storage temperature	-20 °C / +85 °C (-4 °F to 185 °F)
Relative humidity in operation	15-90 %
Altitude of use	0-2000 m (0-6500 ft)
Degree of pollution (IEC 60664-1)	3
Overvoltage category	OVC III

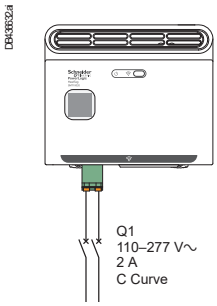
Sensor Characteristics

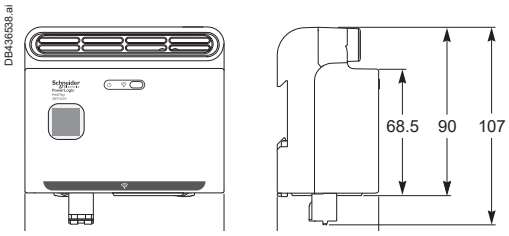
Temperature measurement	Measurement range	-15 °C / +70 °C (5 °F to 158 °F)
	Measurement accuracy	-1.1 °C / +1.1 °C
	Default transmission period	30 seconds (higher in case of high wireless data traffic)
Humidity measurement	Measurement range	15–90 %
	Measurement accuracy	±9 RH %
	Default transmission period	30 seconds (higher in case of high wireless data traffic)
Air quality		Index (0 to 10), alert generation when index ⩾ 10
Test alert after pairing		During the first 30 minutes
Environment auto-learning phase		8 hours after the first 30 minutes

Installation

Communication Architecture
List of compatible communicators:
- EcoStruxure Panel Servers
- PowerTag Link
- PrismaSeT Wireless Panel Server

Wiring
HeatTag must be protected by 2 A breaker.
It is delivered with a separate connector.





Mechanical Characteristics

Dimensions (w x h x d)	108 x 107 x 55 mm
Weight	270 g
Degree of protection (IEC 60529)	IP30

Wireless Sensor for Early Detection of Overheating Cables

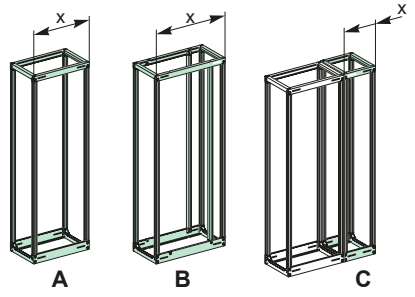
Integration in PrismaSeT P

HeatTag must be installed following the Instruction Sheet recommendations (MFR5173801).

DB437105.ai

MFR5173801

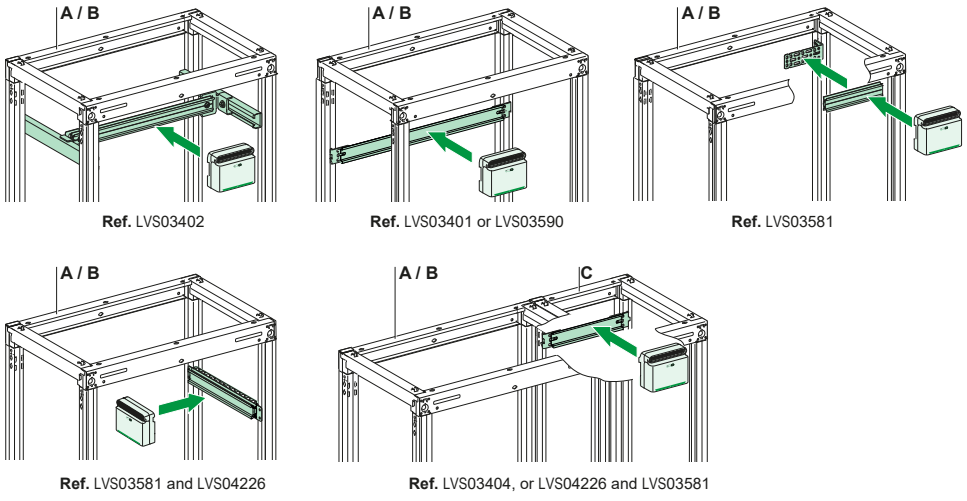
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	A	B	C
x	650/800	800	300/400

HeatTag must be installed on a DIN rail.

DB437107.ai



Ref. LVS03402

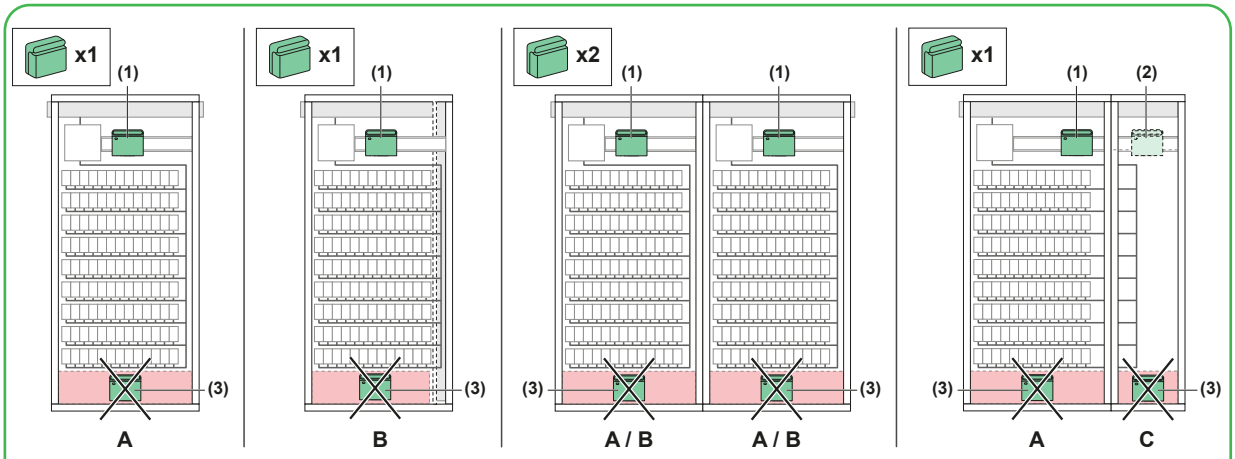
Ref. LVS03401 or LVS03590

Ref. LVS03581

Ref. LVS03581 and LVS04226

Ref. LVS03404, or LVS04226 and LVS03581

DB437102.ai



(1) Recommended installation
(2) Possible
(3) Forbidden

PrismaSeT P 4000 A Switchboard - Presentation



Presentation

In response to the ever increasing performance levels of electrical switchboards in commercial and industrial buildings, Schneider Electric offers a solution for fast and easy installation of a Masterpact MTZ2 in a dedicated PrismaSeT cubicle, thus enhancing the existing offer.
The switchboard is created using standard components, but with busbars sized to handle the thermal effects inherent to such high power levels. Installed alone in a cubicle, the Masterpact MTZ2 is connected upstream via cables or Canalis busbar trunking and supplies horizontal busbars which may consist of Linergy LGYE profile or Linergy BS bar. Current is generally distributed using Linergy busbars installed in adjacent Prisma cubicles.

A dependable electrical installation

The total compatibility of Schneider Electric devices with the PrismaSeT system is a key advantage in ensuring a high level of installation dependability.
System design has been validated by type tests as per standards IEC 61439-1 and IEC 61439-2 and benefits from the combined experience of Schneider Electric customers over many years.
The PrismaSeT P 4000 A switchboard is made up of:

- A dedicated incoming cubicle, 650 mm wide, containing the Masterpact MTZ2.The circuit breaker is always installed in the same position, whether it is fixed or drawout, and whether it is connected using Canalis busbar trunking or cables.
- Combined cubicles for the outgoing circuits.

Linergy LGYE 4000 A profile, supplied by the Masterpact and connected downstream to vertical Linergy LGY, LGYE profile or BS busbars, are used for current distribution. The depth of the cubicles and the selected cover panels are decisive factors (see the electrical characteristics opposite).

PrismaSeT P 4000 A Switchboard - Characteristics

Mechanical characteristics

- Steel sheet.
- Surface treatment: electrophoresis + hot-polymerised polyester epoxy powder, white colour RAL 9003.
- Degree of protection:
  - IP30/31, IK08
  - IP55, IK10.
- Dimensions of the dedicated cubicle for the Masterpact MTZ2:
  - W = 650 mm
  - D = 600 mm (front connection) or 1000 mm (rear connection)
  - H = 2000 mm.
- Inside cubicles.

Electrical characteristics

- Rated insulation level of main busbars: 1000 V.
- Rated operational current: see table below.
- Rated peak withstand current: Ipk up to 220 kA.
- Rated short-time withstand current: Icw up to 100 kA rms/1 s.
- Frequency: 50/60 Hz.
- Compliant with standards IEC 61439-1 & 2.
- Form 1 (covers for upstream and downstream terminals on all devices).

In a dedicated incoming cubicle, it is not necessary to cover the busbars.

Rated operational current

The rated operational current depends on:

- The ambient temperature around the switchboard.

The values indicated below are for device connections to the busbars and customer connections in a switchboard where the ambient temperature is 35 °C

- The degree of protection for the cubicle
- The depth of the cubicle
- The type of front cover (door or cover frame).

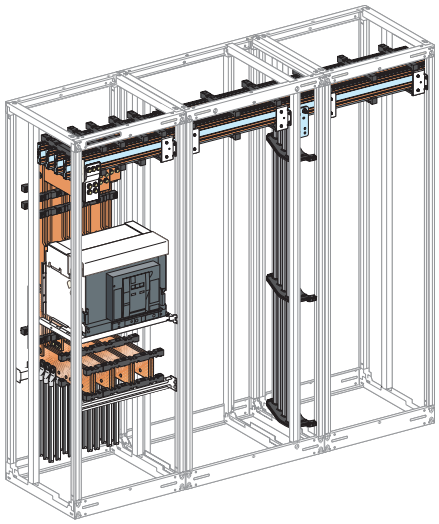
In all cases, it is necessary to install ventilation accessories.

Rated current	Cubicle depth	Front cover	Connection mode	Ventilation accessories
IP30 switchboard				
3440 A	600 mm	plain door (for cut-outs)	front cables	ventilated roof + grill with filter
3520 A	600 mm or 1000 mm	cover frame (no door) plain door (for cut-out) or cover frame (no door)	front cables rear cables or Canalis	ventilated roof ventilated roof + grill with filter
IP31 switchboard				
3440 A	600 mm	plain door (for cut-outs)	front cables	ventilated roof + grill with filter
3520 A	1000 mm	plain door (for cut-outs)	rear cables or Canalis	ventilated roof + grill with filter
IP55 switchboard				
3520 A	600 mm or 1000 mm	plain door (for cut-outs) plain door (for cut-outs)	front cables rear cables	IP55 front or side fan (1) + IP55 grill with filter IP55 front or side fan (1) + IP55 grill with filter

(1) Installed on a side panel that must be cut out.

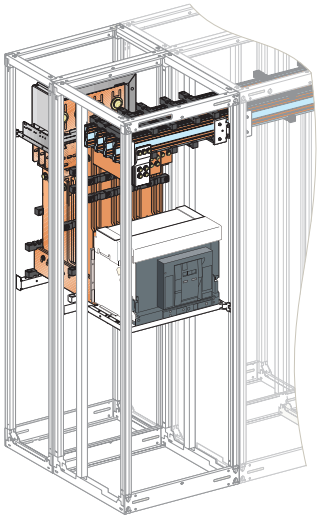
PrismaSeT P 4000 A Switchboard - Cubicle Configuration

Cubicle, D = 600, front connection

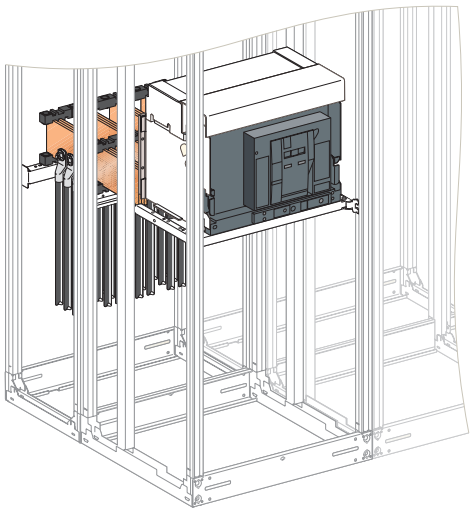


PrismaSeT P 4000 A switchboard with front connection.

Cubicle, D = 1000, rear connection



Connection using Canalis busbar trunking.



Connection using cables via top or bottom.

Architecture

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Functional units

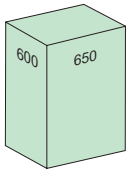
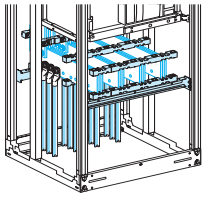
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Horizontal busbars - Linergy LGYE profile or Linergy BS busbars	C-3

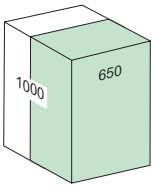
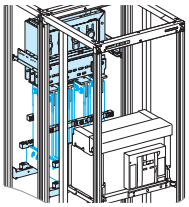
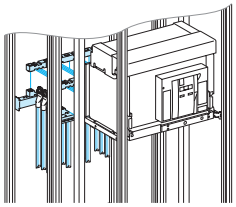
Enclosures

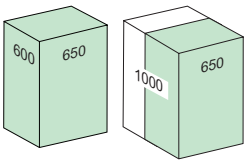
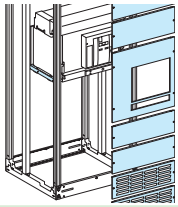
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Connection - Device installation and distribution

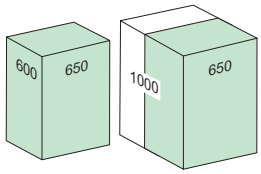
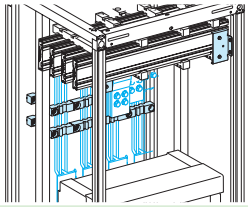
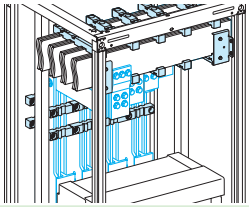
Functional units

Mounting	Front connection using cables (from bottom)	
		
Devices	**Fixed MTZ2**	**Drawout MTZ2**
Downstream connection adapter 4000 A	3P: **LVS04644** x 3 4P: **LVS04644** x 4	3P: **LVS04644** x 3 4P: **LVS04644** x 4
Busbar supports	3P/4P: **LVS04694** x 2	3P/4P: **LVS04694** x 2 + **LVS04678** x 2
Connection bars	must be made	must be made

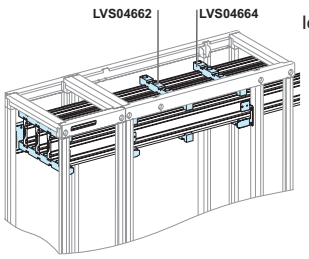
Mounting	Rear connection using Canalis busbar trunking (from bottom)		Rear connection using cables (top or bottom)	
				
Devices	**Fixed MTZ2**	**Drawout MTZ2**	**Fixed MTZ2**	**Drawout MTZ2**
Downstream connection adapter 4000 A	3P: **LVS04644** x 3 4P: **LVS04644** x 4	3P: **LVS04644** x 3 4P: **LVS04644** x 4	3P: **LVS04644** x 3 4P: **LVS04644** x 4	3P: **LVS04644** x 3 4P: **LVS04644** x 4
Busbar supports	3P/4P: **LVS04694** x 2	3P/4P: **LVS04694** x 2 + **LVS04678**	3P/4P: **LVS04694** x 2	3P/4P: **LVS04694** x 2
Connection bars	must be made	must be made	must be made	must be made
Connection + Canalis support + Canalis/device interface	3P: **LVS04737** 4P: **LVS04738**	3P: **LVS04737** 4P: **LVS04738**	-	-

Mounting	Device installation	
		
Devices	**Fixed MTZ2 3P/4P**	**Drawout MTZ2 3P/4P**
No. of vertical modules	36	36
Mounting plates	**LVS03500**	**LVS03500**
Front plate with cut-outs	**LVS03710**	**LVS03710**
Upstream front plate	**LVS03804** x 2 + **LVS03895** x 2 [1]	**LVS03804** x 2 + **LVS03895** x 2 [1]
Downstream front plate	**LVS03895** x 2 + **LVS03804** + **LVS03803**	**LVS03895** x 2 + **LVS03803** x 2

(1) Front plate LVS03895: ventilated front plate.

Mounting	Linergy LGYE profile distribution	Linergy BS distribution
		
Devices	**Fixed/drawout MTZ2**	**Fixed/drawout MTZ2**
Downstream connection adapter 4000 A	3P: **LVS04644** x 3 4P: **LVS04644** x 4	3P: **LVS04644** x 3 4P: **LVS04644** x 4
Busbar supports for connection between device / busbars	3P: (**LVS04664** + **LVS04646**) x 2 + **LVS04678** x 2 4P: (**LVS04662** + **LVS04646**) x 3 + **LVS04678** x 2	3P: (**LVS04664** + **LVS04671**) x 2 + **LVS04678** x 2 4P: (**LVS04662** + **LVS04671**) x 3 + **LVS04678** x 2
Connection between device / busbars	must be made	must be made

Horizontal busbars - Linergy LGYE profile or Linergy BS bar

Mounting		Horizontal busbars for combined cubicles (1)			
	No. of supports				
	Icw (kA rms/1 s)				
	≤ 25	1	1	2	2
	≤ 30	1	1	2	2
	≤ 40	1	1	2	2
	≤ 50	1	1+1	2	2
	≤ 60	1+1	1+1	2	2
	≤ 65	1+1	1+1	2+1	2+1
	≤ 75	1+1	1+1	2+1	2+1
	≤ 85	1+1	1+1	2+1	2+1
	≤ 100	–	–	–	2+3
	Framework width	W = 300	W = 400	W = 650/800	W = 650/800
	No. of bars Linergy LGYE	Profile 4000 A	Profile 4000 A	–	Profile 4000 A
	No. of bars Linergy BS	2 bars 120 x 10	2 bars 120 x 10	2 bars 120 x 10	–

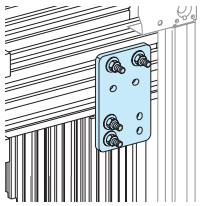
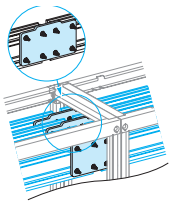
(1) Busbar supports are specified as “fixed + free.” The first number indicates fixed supports, and the second indicates free supports.
Note: The permissible current values for the busbars are given for an ambient temperature of 35 °C around the switchboard.

C

Mounting	Profile/bar selection	
	Linergy LGYE	**Linergy BS**
Width	2000	2000
Bars	Profile 4000 A	120 x 10
Catalog numbers	**LVS04568**	**LVS04552**
Number of bars per phase	1	2

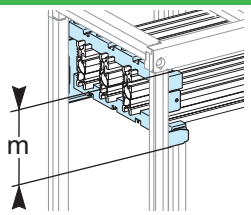
Mounting	Selection of busbar supports	
	Linergy LGYE	**Linergy BS**
Fixed support	**LVS04664 + LVS04646**	**LVS04664 + LVS04671**
Free support	**LVS04662 + LVS04646**	**LVS04662 + LVS04671**
Characteristics	Two fixed supports for frameworks W = 650 and one fixed support for frameworks W = 300/400 are mandatory. If more supports are required, use free supports.	

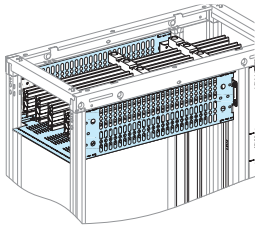
Busbars connection

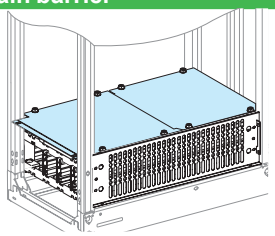
Mounting	Connection between horizontal and vertical busbars 4000 A		Joints	
				
	Linergy LGYE	**Linergy BS**	**Linergy LGYE**	**Linergy BS**
Catalog numbers	**LVS04607**	**LVS04638**	3P: **LVS04623** 4P: **LVS04623 + LVS04624**	**LVS04643**
Characteristics	Used to connect the horizontal busbars to vertical busbars (Linergy LGYE profile or Linergy BS bar).			

Note: The vertical bars:
- Linergy LGY profile and BS bar must be shortened 50 mm.
- Linergy LGYE profile must be shortened 375 mm.
  (order one catalog number per phase)

Horizontal busbars - Linergy LGYE profile or Linergy BS bar

Mounting	Busbar dimension
	
No. of modules	4
Characteristics	Horizontal Linergy LGYE profile or Linergy BS bar installed at the bottom or top of cubicle.

Mounting	Cover for horizontal busbars				
					
Framework width	W = 300	W = 400	W = 650	W = 650 + 150	W = 800
No. of modules	4	4	4	4	4
Catalog numbers	**LVS04963**	**LVS04964**	**LVS04966**	**LVS04966**	**LVS04968**
Number of bars per phase	Set of two barriers (front and rear), plus a slotted rear panel for efficient naturalconvection in the switchboard. The set can be used to partition horizontal busbars installed at the top or bottom of the cubicle. The space required for the busbars is not increased.				

Mounting	Plain barrier	
		
	W = 300, W = 400	**W = 650, W = 800**
Catalog numbers	**LVS04915**	**LVS04919**
Characteristics	To protect horizontal busbars installed at the bottom of the cubicle, the slotted horizontal panel can be replaced by a plain barrier.	

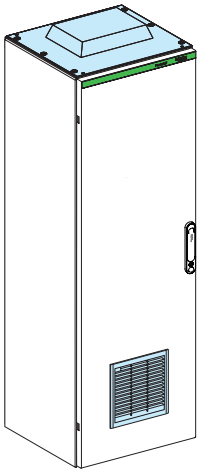
Horizontal busbars

Size / phase	Permissible current (A) Ambient temperature around the switchboard											
	25 °C		30 °C		35 °C		40 °C		45 °C		50 °C	
	IP ⩽ 31	IP > 31	IP ⩽ 31	IP > 31	IP ⩽ 31	IP > 31	IP ⩽ 31	IP > 31	IP ⩽ 31	IP > 31	IP ⩽ 31	IP > 31
Linergy LGYE, profile 4000 A	3800	3510	3710	3430	3620	3350	3450	3180	3280	3020	3120	▪
Linergy BS, two bars 120 x 10	4160	3760	3960	3550	3760	3340	3560	3100	3340	2880	3120	▪

▪ Connection impossible due to temperature limits for the devices.
Characteristic: Derating of horizontal busbars is indicated for natural ventilation.

IP30 Enclosures

Front connection using cables



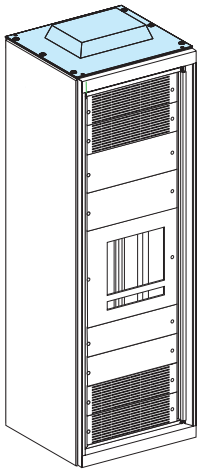
Rated operational current In 3440 A for an ambient temperature of 35 °C around the switchboard

Framework LVS08606
W = 650 mm
D = 600 mm

Hinged front plate
Support frame LVS08566

Cover panels
IP30 cover panels with:
- Plain door LVS08516, must be cut out for outlet grill NSYCAG291LPF with filter NSYCAF291M.
- Ventilated roof LVS08676
- Top hood without fan NSYCAC228RMB
- Side panel LVS08760
- Rear panel LVS08736

Front connection using cables



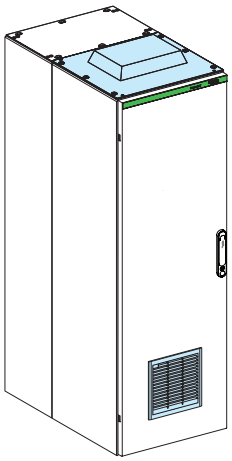
Rated operational current In 3520 A for an ambient temperature of 35 °C around the switchboard

Framework LVS08606
W = 650 mm
D = 600 mm

Hinged front plate
Support frame LVS08566

Cover panels
IP30 cover panels with:
- Cover frame LVS08576
- Ventilated roof LVS08676
- Top hood without fan NSYCAC228RMB
- Side panel LVS08760
- Rear panel LVS08736

Rear connection using cables or Canalis busbar trunking



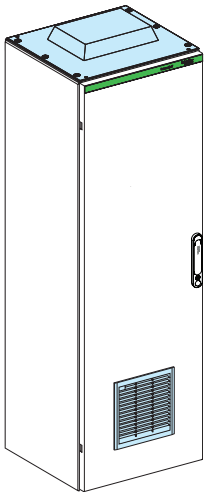
Framework LVS08606 + LVS08406
W = 650 mm
D = 1000 mm

Hinged front plate
Support frame LVS08566

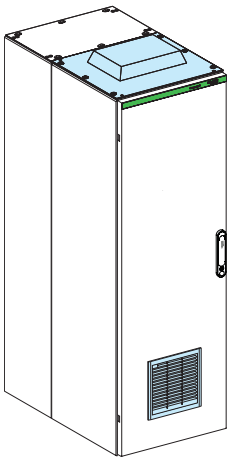
Cover panels
IP30 cover panels with:
- Cover frame LVS08576 or plain door LVS08516 (Plain door must be cut out for outlet grill NSYCAG291LPF with filter NSYCAF291M.)
- Ventilated roof D = 600, LVS08676
- Top hood without fan NSYCAC228RMB
- Plain roof LVS08436
- Side panel LVS08760 + LVS08750
- Rear panel LVS08736

IP31 Enclosures

Front connection using cables



Rear connection using cables or Canalis busbar trunking



Rated operational current In 3440 A for an ambient temperature of 35 °C around the switchboard

Framework LVS08606
W = 650 mm
D = 600 mm

Hinged front plate
Support frame LVS08566

Cover panels
IP30 cover panels with:
- Plain door LVS08516, must be cut out for outlet grill NSYCAG291LPF with filter NSYCAF291M.
- Ventilated roof LVS08676
- Top hood without fan NSYCAC228RMB
- IP30 sealing kit LVS08711
- Side panel LVS08760
- Rear panel LVS08736

Rated operational current In 3520 A for an ambient temperature of 35 °C around the switchboard

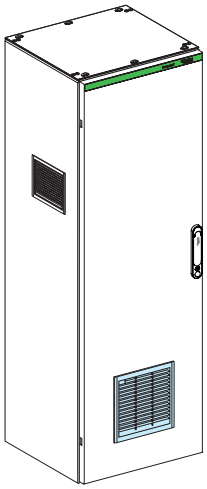
Framework LVS08606 + LVS08406
W = 650 mm
D = 1000 mm

Hinged front plate
Support frame LVS08566

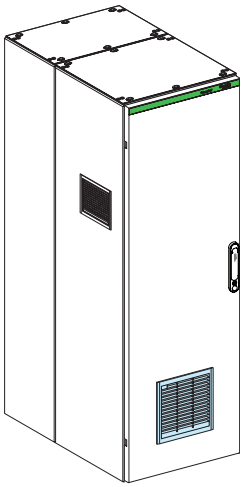
Cover panels
IP30 cover panels with:
- Plain door LVS08516, must be cut out for outlet grill NSYCAG291LPF with filter NSYCAF291M.
- Ventilated roof D = 600, LVS08676
- Top hood without fan NSYCAC228RMB
- IP30 sealing kit LVS08711
- Plain roof LVS08436
- Side panel LVS08760 + LVS08750
- Rear panel LVS08736

IP55 Enclosures

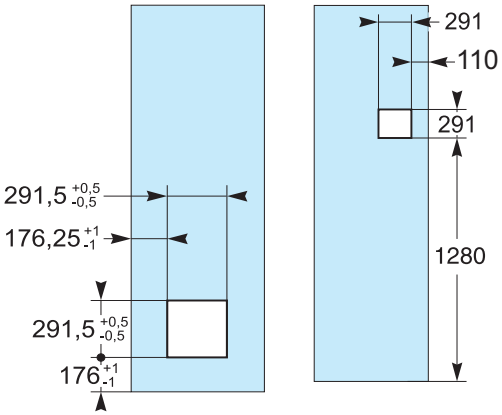
Front connection using cables



Rear connection using cables



Cut-outs in cover panels



Rated operational current In 3520 A for an ambient temperature of 35 °C around the switchboard

Framework LVS08606
W = 650 mm
D = 600 mm

Hinged front plate
Support frame LVS08566

Cover panels
IP55 cover panels with:
- Plain door LVS08526, must be cut out
- Side panel LVS08765, must be cut out
- Plain roof LVS08656
- Rear panel LVS08746

Ventilation accessories
IP55 outlet grill with filter.
IP55 side fan.

Framework LVS08606 + LVS08406
W = 650 mm
D = 1000 mm

Hinged front plate
Support frame LVS08566

Cover panels
IP55 cover panels with:
- Plain door LVS08526, must be cut out
- Side panel LVS08765, must be cut out
- Plain roof LVS08656 + LVS08456
- Rear panel LVS08746
- Side panel LVS08755

Ventilation accessories
IP55 outlet grill with filter.
IP55 side fan.

Designation		Catalog number
IP55 outlet grill		NSYCAG291LPF
IP55 side fan (throughput 850 m³/h)	230 V	NSYCVF850M230PF
	400 V	NSYCVF850M400PF
G3 M1 fine filters		NSYCAF291T

Characteristics

Contents

Electrical characteristics

Determining the busbars D-2

Determining the busbars

Electrical characteristics

Dedicated incoming cubicle

Customer connection and connection between device and busbars with three 120 x 10 bars

Use the tables below to determine the maximum permissible currents in three 120 x 10 bars used for customer connections and the connections between the Masterpact MTZ2 and the busbars, as a function of the ambient temperature around the switchboard and its IP level.

Connections must be made using the supplied plans.

IP30 switchboard	Permissible current (A) Ambient temperature around the switchboard					
Enclosures	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
D = 600 mm front cover frame	3680	3600	3520	3440	3340	3120
D = 600 mm plain door for cut-outs	3600	3520	3440	3340	3120	2900
D = 1000 mm cover frame or plain door for cut-outs	3680	3600	3520	3440	3340	3120

IP31 switchboard	Permissible current (A) Ambient temperature around the switchboard					
Enclosures	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
D = 600 mm plain door for cut-outs	3600	3520	3440	3340	3120	2900
D = 1000 mm plain door for cut-outs	3680	3600	3520	3440	3340	3120

IP55 switchboard	Permissible current (A) Ambient temperature around the switchboard					
Enclosures	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C
D = 600 mm plain door for cut-outs D = 1000 mm plain door for cut-outs	3680	3600	3520	3440	3340	■

■ Impossible connection due to limited temperature for the device.

Canalis connection

For Canalis connections, apply the appropriate derating coefficient K.

Device	MTZ2 40
Derating coefficient K	0.91

(1) For MTZ2 40 IP >31, performances realized with forced ventilation.
(2) Contact Schneider Electric for 4000 A dedicated cubicle.
Note: The values indicated above have been validated for Prisma**SeT** P switchboards.

Schneider Electric

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