

xEnergy Light

Low-Voltage
Main & Sub - Distribution
Boards up to 1600 A



Powering Business Worldwide



We make what matters work.*



At Eaton, we believe that power is a fundamental part of just about everything people do. That's why we're dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because this is what really matters. And we're here to make sure it works.

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EATON

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We make what matters work.

xEnergy Light Distribution Boards

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1.1.1

xEnergy Light Distribution Boards

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1400 mm height, IP31

vt48816



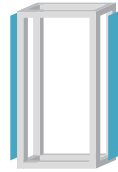
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wa_ren_07019



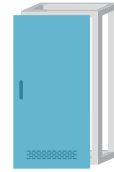
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Height
[mm]

Width
[mm]

Depth
[mm]

High profile (Set)

Base frame

Side walls

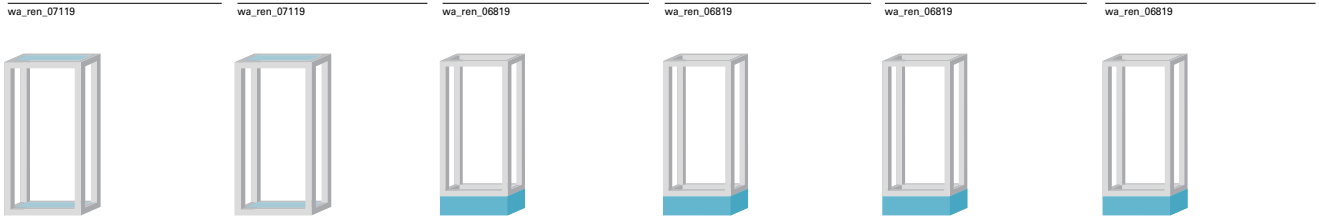
Back-plate
(IP31)

Ventilated door
(IP31)
left hinged

Ventilated door
(IP31)
right hinged

1400 mm height, IP31

1400	300	300	XLH14 132937	XLB303 193059	XLSS143 114717	XLSR3143 193066	XLSD3L143 193080	XLSD3R143 193081
		400		XLB304 193060	XLSS144 187913			
		600		XSFB306 177083	XLSS146 114728			
		800		XSFB308 193061	XLSS148 114731			
425	300	300	XLB403 132926	XLSS143 114717	XLSR3144 187917	XLSD3L144 187987	XLSD3R144 187990	
		400	XLB404 284231	XLSS144 187913				
		600	XSFB406 284232	XLSS146 114728				
		800	XSFB408 284233	XLSS148 114731				
600	300	300	XLB603 132928	XLSS143 114717	XLSR3146 198918	XLSD3L146 187988	XLSD3R146 187991	
		400	XLB604 284234	XLSS144 187913				
		600	XSFB606 284235	XLSS146 114728				
		800	XSFB608 284236	XLSS148 114731				
650	300	300	XLB6503 174269	XLSS143 114717	XLSR31465 195991	XLSD3L1465 196039	XLSD3R1465 196050	
		400	XLB6504 174270	XLSS144 187913				
		600	XSFB6506 174271	XLSS146 114728				
800	300	300	XLB803 132930	XLSS143 114717	XLSR3148 187919	XLSD3L148 187989	XLSD3R148 187992	
		400	XLB804 284237	XLSS144 187913				
		600	XSFB806 284238	XLSS146 114728				
		800	XSFB808 284239	XLSS148 114731				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, IP31, with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material

Scope of delivery:
one piece

Scope of delivery:
one piece

XLST3F33 196173	XLST333 196117	–	–	–	–
XLST3F34 196175	XLST334 –	–	–	–	–
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XLST3A38 196181	XLST338 196132	–	–	–	–
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XSPBM0608 284291	XAD0608 283489			XAP010608 283827	XAP020608 283841
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XSPBM0808 284294	XAD08508 143292			XAP010808 283830	XAP020808 283844

1.1.1

xEnergy Light Distribution Boards

1400 mm height, IP31

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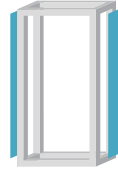
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wa_ren_07019



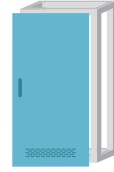
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wa_ren_08119



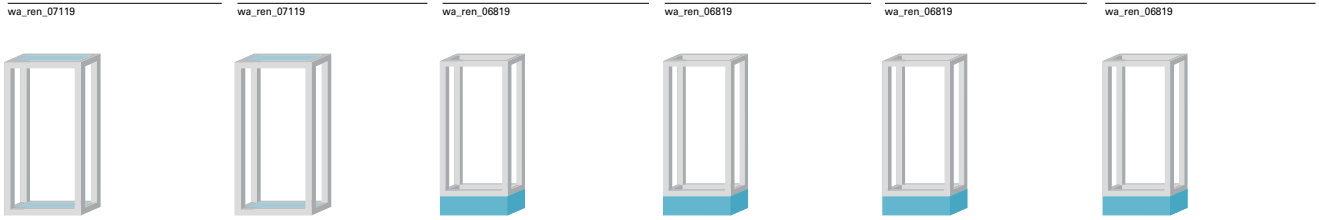
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Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged
-------------	------------	------------	--------------------	------------	------------	-------------------	------------------------------------	-------------------------------------

1400 mm height, IP31

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged
1400	850	300	XLH14 132937	XLB08503 143342	XLSS143 114717	XLSR31485 195992	XLSD3L1485 196040	XLSD3R1485 196051
		400		XLB08504 143343	XLSS144 187913			
		600		XSFB08506 143345	XLSS146 114728			
		800		XSFB08508 143346	XLSS148 114731			
1000	300	300	XLB1003 132932	XLB1003 132932	XLSS143 114717	XLSR31410 187920	XLSD3D1410 187993 double wing	XLSD3D1410 187993 double wing
		400		XLB1004 284240	XLSS144 187913			
		600		XSFB1006 284241	XLSS146 114728			
		800		XSFB1008 284242	XLSS148 114731			
1100	300	300	XLB1103 143347	XLB1103 143347	XLSS143 114717	-	-	-
		400		XLB1104 143348	XLSS144 187913			
		600		XSFB1106 143350	XLSS146 114728			
		800		XSFB1108 132991	XLSS148 114731			
1200	300	300	XLB1203 132934	XLB1203 132934	XLSS143 114717	187921 XLSR31412	XLSD3D1412 187994 double wing	XLSD3D1412 187994 double wing
		400		XLB1204 132935	XLSS144 187913			
		600		XSFB1206 284243	XLSS146 114728			
		800		XSFB1208 284244	XLSS148 114731			
1350	300	300	XLB13503 143351	XLB13503 143351	XLSS143 114717	-	-	-
		400		XLB13504 143352	XLSS144 187913			
		600		XSFB13506 143354	XLSS146 114728			
		800		XSFB13508 132992	XLSS148 114731			



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, (IP31), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material

Scope of delivery:
one piece

Scope of delivery:
one piece

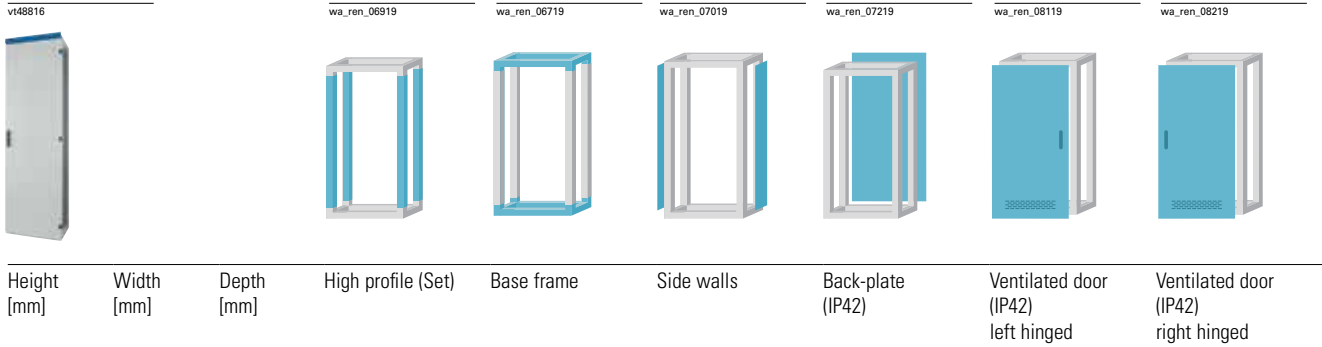
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XLST3F103 132959	XLST3103 196123	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLST3F104 284295	XLST3104 283813			XLSPH1104 283831	XLSPH2104 283845
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1.1.2

xEnergy Light Distribution Boards

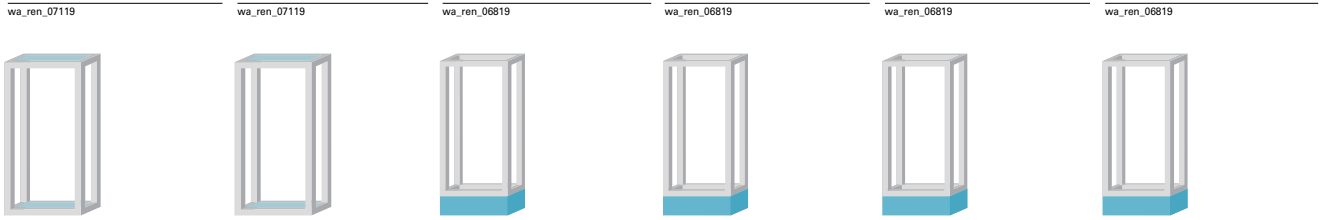
1400 mm height, IP42

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1400 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP42) left hinged	Ventilated door (IP42) right hinged
1400	300	300	XLH14 132937	XLB303 193059	XLSS143 114717	XLSR4143 196002	XLSD4L143 196059	XLSD4R143 196089
		400		XLB0304 193060	XLSS144 187913			
		600		XSFB0306 177083	XLSS146 114728			
		800		XSFB0308 193061	XLSS148 114731			
	425	300		XLB0403 132926	XLSS143 114717	XLSR4144 196003	XLSD4L144 196060	XLSD4R144 196090
		400		XLB0404 284231	XLSS144 187913			
		600		XSFB0406 284232	XLSS146 114728			
		800		XSFB0408 284233	XLSS148 114731			
	600	300		XLB0603 132928	XLSS143 114717	XLSR4146 196004	XLSD4L146 196061	XLSD4R146 196091
		400		XLB0604 284234	XLSS144 187913			
		600		XSFB0606 284235	XLSS146 114728			
		800		XSFB0608 284236	XLSS148 114731			
650	300		XLB06503 174269	XLSS143 114717	XLSR41465 196005	XLSD4L1465 196062	XLSD4R1465 196092	
	400		XLB06504 174270	XLSS144 187913				
	600		XSFB06506 174271	XLSS146 114728				
800	300		XLB0803 132930	XLSS143 114717	XLSR4148 196006	XLSD4L148 196063	XLSD4R148 196093	
	400		XLB0804 284237	XLSS144 187913				
	600		XSFB0806 284238	XLSS146 114728				
	800		XSFB0808 284239	XLSS148 114731				



top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25mm, (IP42), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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Scope of delivery:
one piece

Scope of delivery:
one piece

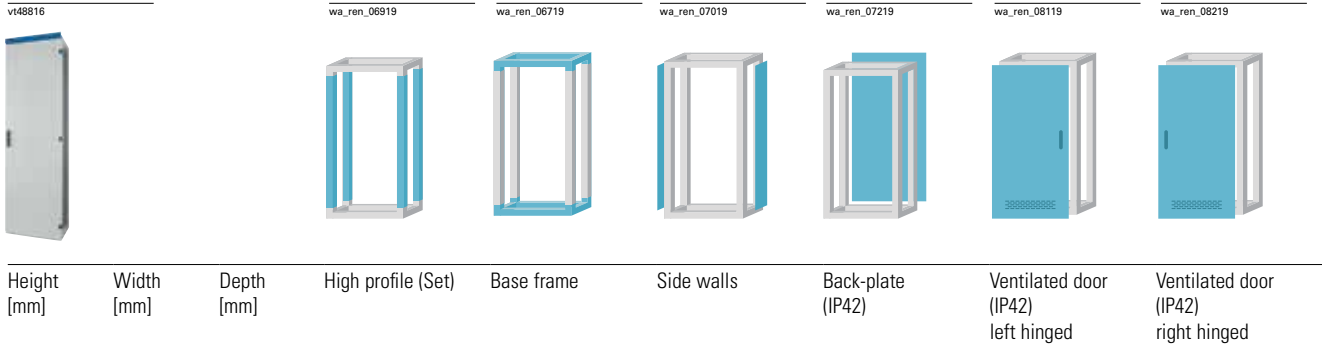
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XLST483 196138	XLST583 114681	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546
XLST484 196148	XLST584 284307			XLSPH184 283828	XLSPH284 283842
XSPTV4-W800D600 183190	XSPTC0806 284308			XAP010806 283829	XAP020806 283843
XSPTV4-W800D800 183194	XSPTC0808 284309			XAP010808 283830	XAP020808 283844

1.1.2

xEnergy Light Distribution Boards

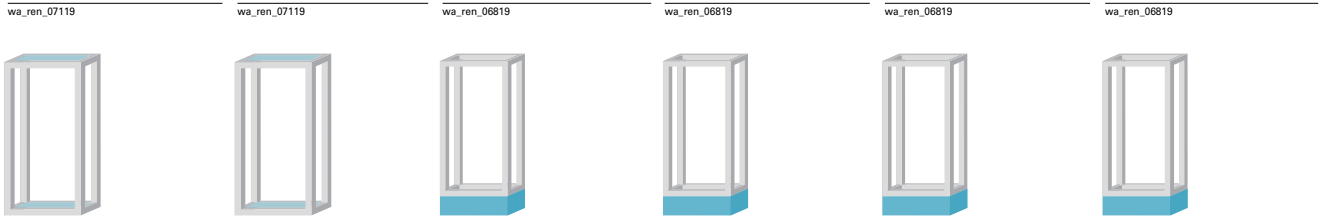
1400 mm height, IP42

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Light**



1400 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP42) left hinged	Ventilated door (IP42) right hinged	
1400	850	300	XLH14 132937	XLB08503 143342	XLSS143 114717	XLSR41485 196007	XLSD4L1485 196064	XLSD4R1485 196094	
		400		XLB08504 143343	XLSS144 187913				
		600		XSFB08506 143345	XLSS146 114728				
		800		XSFB08508 143346	XLSS148 114731				
	1000	300	300		XLB1003 132932	XLSS143 114717	XLSR41410 196008	XLSD4D1410 196065 double wing	XLSD4R1410 196065 double wing
			400		XLB1004 284240	XLSS144 187913			
			600		XSFB1006 284241	XLSS146 114728			
			800		XSFB1008 284242	XLSS148 114731			
	1100	300	300		XLB1103 143347	XLSS143 114717	-	-	-
			400		XLB1104 143348	XLSS144 187913			
			600		XSFB1106 143350	XLSS146 114728			
			800		XSFB1108 132991	XLSS148 114731			
1200	300	300		XLB1203 132934	XLSS143 114717	XLSR41412 196009	XLSD4D1412 196066 double wing	XLSD4R1412 196066 double wing	
		400		XLB1204 132935	XLSS144 187913				
		600		XSFB1206 284243	XLSS146 114728				
		800		XSFB1208 284244	XLSS148 114731				
1350	300	300		XLB13503 143351	XLSS143 114717	-	-	-	
		400		XLB13504 143352	XLSS144 187913				
		600		XSFB13506 143354	XLSS146 114728				
		800		XSFB13508 132992	XLSS148 114731				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25mm, (IP42), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material

Scope of delivery:
one piece

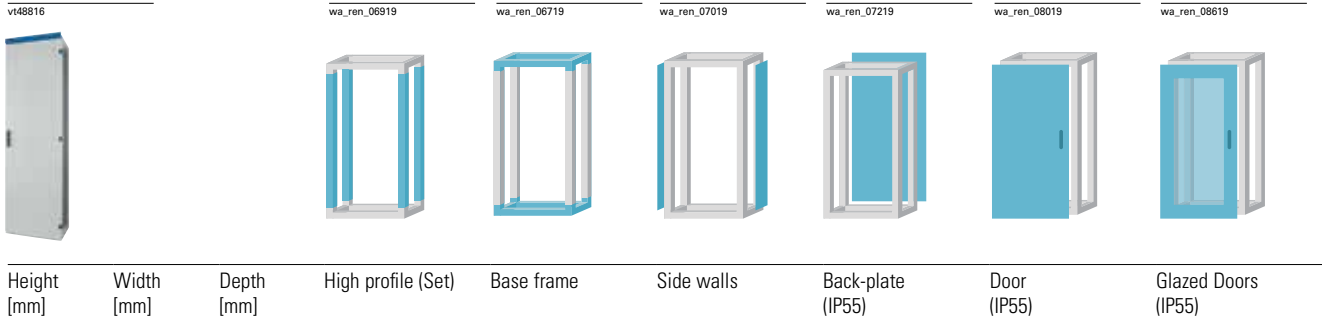
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XLST3F858 143368	XLST3858 143292			XLSPH1858 143306	XLSPH2858 143319
XLST3F103 132959	XLST3103 196123	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
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XSPBM1008 104530	XAD1008 283815			XAP011008 283833	XAP021008 283847
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XSPBM1108 133008	XAD1108 133010			XAP011108 133012	XAP021108 133014
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XLST3F1353 143373	XLST31353 196126	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLST3F1354 143374	XLST31354 143299			XLSPH11354 143312	XLSPH21354 143325
XSPBM13506 143376	XAD13506 143301			XAP0113506 143314	XAP0213506 143327
XSPBM13508 133009	XAD13508 133011			XAP0113508 133013	XAP0213508 133015

1.1.3

xEnergy Light Distribution Boards

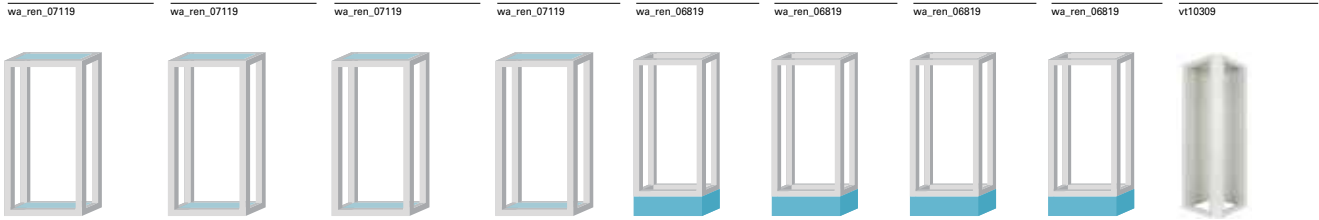
1400 mm height, IP55

**xEnergy
Light**



1400 mm height, IP55

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)
1400	300	300	XLH14 132937	XLB303 193059	XLSS143 114717	XLSR5143 193067	XLSD5S143 193079	—
		400		XLB0304 193060	XLSS144 187913			
		600		XSFB0306 177083	XLSS146 114728			
		800		XSFB0308 193061	XLSS148 114731			
	425	300		XLB0403 132926	XLSS143 114717	XLSR5144 174293	XLSD5S144 174295	XLSD5GS144 189847
		400		XLB0404 284231	XLSS144 187913			
		600		XSFB0406 284232	XLSS146 114728			
		800		XSFB0408 284233	XLSS148 114731			
	600	300		XLB0603 132928	XLSS143 114717	XLSR5146 114752	XLSD5S146 132940	XLSD5GS146 189848
		400		XLB0604 284234	XLSS144 187913			
		600		XSFB0606 284235	XLSS146 114728			
		800		XSFB0608 284236	XLSS148 114731			
650	300		XLB06503 174269	XLSS143 114717	XLSR51465 174286	XLSD5S1465 174304	XLSD5GS1465 174297	
	400		XLB06504 174270	XLSS144 187913				
	600		XSFB06506 174271	XLSS146 114728				
800	300		XLB0803 132930	XLSS143 114717	XLSR5148 187914	XLSD5S148 187981	XLSD5GS148 187984	
	400		XLB0804 284237	XLSS144 187913				
	600		XSFB0806 284238	XLSS146 114728				
	800		XSFB0808 284239	XLSS148 114731				



top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness=2,5mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5mm, (IP55), (unpainted),with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material	corner frame Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates
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scope of delivery: scope of delivery:
one piece one piece

unit: 1pcs

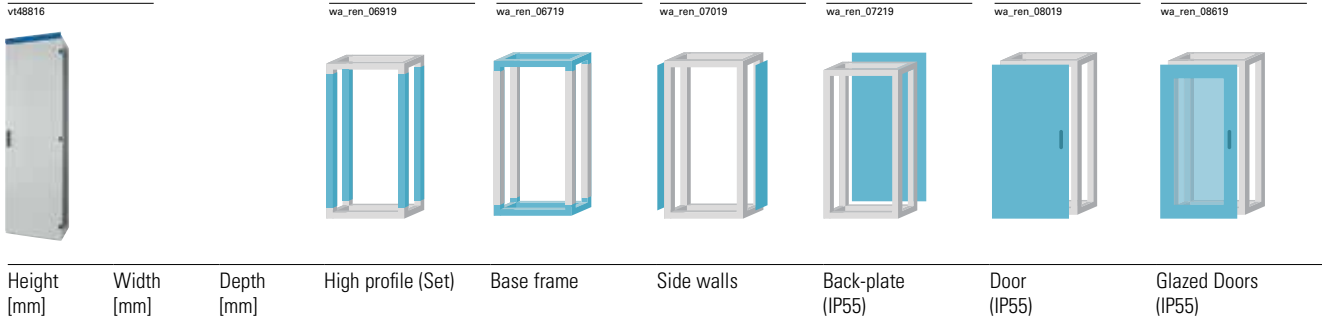
XLST533 193068	XLST5F33 -	-	XLST5A33 193026	-	-	-	-	XLC1433 187932
XLST534 193069	XLST5F34 -	-	XLST5A34 193036	-	-	-	-	XLC1444 187936
XSPTC0306 177085	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-	-	-
XSPTC0308 193070	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-	-	-
XLST543 114677	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XLSP1F4 114625	XLSP1F4 114630	XLSPH143 116534	XLSPH243 116544	XLC1433 187932
XLST544 284301	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	XLSPH144 283822	XLSPH244 283836	XLC1444 187936
XSPTC0406 284302	XSPTF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	XAP010406 283823	XLSPH246 143326	-
XSPTC0408 284303	XSPTF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	XAP010408 283824	XAP020408 283838	-
XLST563 114679	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XLSP1F6 114626	XLSP1F6 114631	XLSPH163 116535	XLSPH263 116545	XLC1433 187932
XLST564 284304	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	XLSPH164 283825	XLSPH264 283839	XLC1444 187936
XSPTC0606 284305	XSPTF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	XAP010606 283826	XAP020406 283837	-
XSPTC0608 284306	XSPTF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	XAP010608 283827	XAP020608 283841	-
XLST5653 174272	XLST5F653 174275	-	XLST5A653 193029	XLSP1F65 174318	-	XLSPH1653 174311	-	XLC1433 187932
XLST5654 174273	XLST5F654 174276	-	XLST5A654 193039	-	-	XLSPH1654 174312	-	XLC1444 187936
XLST5656 174274	XLST5F656 174277	-	XLST5A656 193048	-	-	XLSPH1656 174313	XAP020606 283840	-
XLST583 114681	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XLSP1F8 114627	XLSP1F8 114632	XLSPH183 116536	XLSPH283 116546	XLC1433 187932
XLST584 284307	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	XLSPH184 283828	XLSPH284 283842	XLC1444 187936
XSPTC0806 284308	XSPTF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	XAP010806 283829	XAP020806 283843	-
XSPTC0808 284309	XSPTF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	XAP010808 283830	XAP020808 283844	-

1.1.3

xEnergy Light Distribution Boards

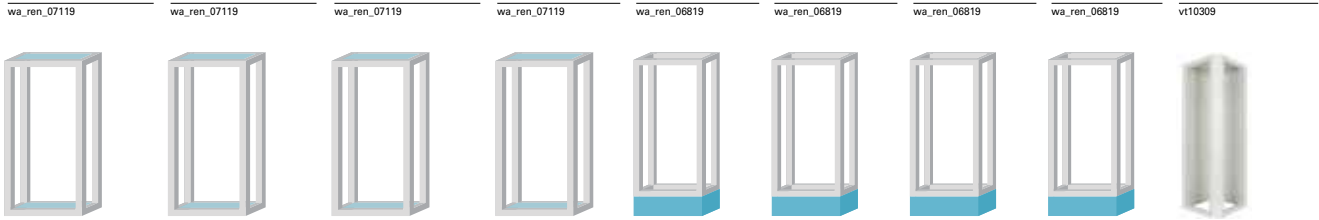
1400 mm height, IP55

**xEnergy
Light**



1400 mm height, IP55

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)
1400	850	300	XLH14 132937	XLB08503 143342	XLSS143 114717	XLSR51485 174290	XLSD5S1485 174308	XLSD5GS1485 174301
		400		XLB08504 143343	XLSS144 187913			
		600		XSFB08506 143345	XLSS146 114728			
		800		XSFB08508 143346	XLSS148 114731			
	1000	300		XLB1003 132932	XLSS143 114717	XLSR51410 187915	XLSD5S1410 187982	XLSD5GS1410 187985
		400		XLB1004 284240	XLSS144 187913			
		600		XSFB1006 284241	XLSS146 114728			
		800		XSFB1008 284242	XLSS148 114731			
	1100	300		XLB1103 143347	XLSS143 114717			
		400		XLB1104 143348	XLSS144 187913			
		600		XSFB1106 143350	XLSS146 114728			
		800		XSFB1108 132991	XLSS148 114731			
1200	300		XLB1203 132934	XLSS143 114717	XLSR51412 187916	XLSD5D1412 187983	XLSD5GD1412 187986	
	400		XLB1204 132935	XLSS144 187913		double wing	double wing	
	600		XSFB1206 284243	XLSS146 114728				
	800		XSFB1208 284244	XLSS148 114731				
1350	300		XLB13503 143351	XLSS143 114717				
	400		XLB13504 143352	XLSS144 187913				
	600		XSFB13506 143354	XLSS146 114728				
	800		XSFB13508 132992	XLSS148 114731				



top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness=2,5mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5mm, (IP55), (unpainted),with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material	corner frame Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates
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scope of delivery: scope of delivery:
one piece one piece

unit: 1pcs

XLST5853 143390	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315	XLC1433 187932
XLST5854 143391	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041			XLSPH1854 143303	XLSPH2854 143316	XLC1444 187936
XLST5856 143393	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049			XLSPH1856 143305	XLSH2856 143318	–
XLST5858 143394	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055			XLSPH1858 143306	XLSH2858 143319	–
XLST5103 114683	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547	XLC1433 187932
XLST5104 284310	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042			XLSPH1104 283831	XLSPH2104 283845	XLC1444 187936
XSPTC1006 284311	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077			XAP011006 283832	XAP021006 283846	–
XSPTC1008 284312	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081			XAP011008 283833	XAP021008 283846	–
XLST5113 143395	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320	XLC1433 187932
XLST5114 143396	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043			XLSPH1114 143308	XLSPH2114 143321	XLC1444 187936
XSPTC1106 143398	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050			XAP011106 143310	XAP021106 143323	–
XSPTC1108 133004	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056			XAP011108 133012	XAP021108 133014	–
XLST5123 114685	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548	XLC1433 187932
XLST5124 284313	XLST5F124 284328	–	XLST5A124 193044			XLSPH1124 119698	XLSPH2124 119699	XLC1444 187936
XSPTC1206 284314	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051			XAP011206 283834	XAP021206 283848	–
XSPTC1208 284315	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057			XAP011208 283835	XAP021208 283849	–
XLST51353 143399	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324	XLC1433 187932
XLST51354 143400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045			XLSPH11354 143312	XLSPH21354 143325	XLC1444 187936
XSPTC13506 143402	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052			XAP0113506 143314	XAP0213506 143327	–
XSPTC13508 133005	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058			XAP0113508 133013	XAP0213508 133015	–

1.1.4

xEnergy Light Distribution Boards

xEnergy
Light

Plates & Plinths

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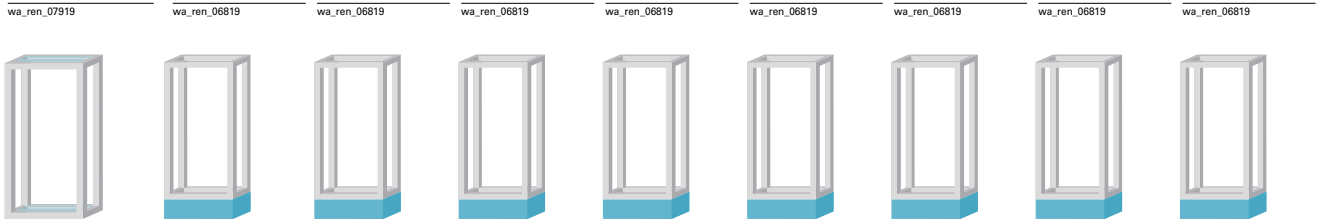
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Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP55)	top plate bottom plate Galvanized top plate/flat/ bottom plate flat/ closed, material sheet steel/ galvanized thickness=2,5mm, (IP55), with rubber sealing	top plate bottom plate = Aluminium thickness=5mm, (IP55), (unpainted),with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5mm, max. achivable degree of protection (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5mm, max. achivable degree of protection (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness= 1,5mm, max. achivable degree of protection (IP20), incl. screw material
						strip depth 35mm	strip depth 110mm	strip depth 60-75mm
1400	300	300	XLST5F33 -	-	XLST5A33 193026	-	-	-
		400	XLST5F34 -	-	XLST5A34 193036	-	-	-
		600	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-
		800	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-
425	300	300	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XLST2J4A 107687	XLST2J4B 107692	XLST2J4C 107679
		400	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	-
		600	XSPTF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	-
		800	XSPTF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	-
600	300	300	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XLST2J6A 107688	XLST2J6B 107693	XLST2J6C 107680
		400	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	-
		600	XSPTF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	-
		800	XSPTF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	-
650	300	300	XLST5F653 174275	-	XLST5A653 193029	-	-	-
		400	XLST5F654 174276	-	XLST5A654 193039	-	-	-
		600	XLST5F656 174277	-	XLST5A656 193048	-	-	-
800	300	300	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XLST2J8A 107689	XLST2J8B 107694	XLST2J8C 107681
		400	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	-
		600	XSPTF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	-
		800	XSPTF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	-



adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5mm, max. achivable degree of protection = (IP20), incl. screw material	Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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strip depth 90-105mm	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one piece	scope of delivery: one piece		
–	XLSP11SC3 114605	XLSP12SC3 114610	XLSP11S03 114615	XLSP12S03 114620	–	–	–	–
	XLSP11SC4 114606	XLSP12SC4 114611	XLSP11S04 114616	XLSP12S04 114621			–	–
	XLSP11SC6 114608	XLSP12SC6 114613	XLSP11S06 114618	XLSP12S06 114623			–	–
	XLSP11SC8 114609	XLSP12SC8 114614	XLSP11S08 114619	XLSP12S08 114624			–	–
XLST2J4D 115237	XLSP11SC3 114605	XLSP12SC3 114610	XLSP11S03 114615	XLSP12S03 114620	XLSP11F4 114625	XLSP12F4 114630	XLSPH143 116534	XLSPH243 116544
	XLSP11SC4 114606	XLSP12SC4 114611	XLSP11S04 114616	XLSP12S04 114621			XLSPH144 283822	XLSPH244 283836
	XLSP11SC6 114608	XLSP12SC6 114613	XLSP11S06 114618	XLSP12S06 114623			XAP010406 283823	XLSPH246 143326
	XLSP11SC8 114609	XLSP12SC8 114614	XLSP11S08 114619	XLSP12S08 114624			XAP010408 283824	XAP020408 283838
XLST2J6D 115238	XLSP11SC3 114605	XLSP12SC3 114610	XLSP11S03 114615	XLSP12S03 114620	XLSP11F6 114626	XLSP12F6 114631	XLSPH163 116535	XLSPH263 116545
	XLSP11SC4 114606	XLSP12SC4 114611	XLSP11S04 114616	XLSP12S04 114621			XLSPH164 283825	XLSPH264 283839
	XLSP11SC6 114608	XLSP12SC6 114613	XLSP11S06 114618	XLSP12S06 114623			XAP010606 283826	XAP020406 283837
	XLSP11SC8 114609	XLSP12SC8 114614	XLSP11S08 114619	XLSP12S08 114624			XAP010608 283827	XAP020608 283841
–	XLSP11SC3 114605	XLSP12SC3 114610	XLSP11S03 114615	XLSP12S03 114620	XLSP11F65 174318	–	XLSPH1653 174311	–
	XLSP11SC4 114606	XLSP12SC4 114611	XLSP11S04 114616	XLSP12S04 114621			XLSPH1654 174312	–
	XLSP11SC6 114608	XLSP12SC6 114613	XLSP11S06 114618	XLSP12S06 114623			XLSPH1656 174313	XAP020606 283840
XLST2J8D 115239	XLSP11SC3 114605	XLSP12SC3 114610	XLSP11S03 114615	XLSP12S03 114620	XLSP11F8 114627	XLSP12F8 114632	XLSPH183 116536	XLSPH283 116546
	XLSP11SC4 114606	XLSP12SC4 114611	XLSP11S04 114616	XLSP12S04 114621			XLSPH184 283828	XLSPH284 283842
	XLSP11SC6 114608	XLSP12SC6 114613	XLSP11S06 114618	XLSP12S06 114623			XAP010806 283829	XAP020806 283843
	XLSP11SC8 114609	XLSP12SC8 114614	XLSP11S08 114619	XLSP12S08 114624			XAP010808 283830	XAP020808 283844

1.1.4

xEnergy Light Distribution Boards

xEnergy
Light

Plates & Plinths

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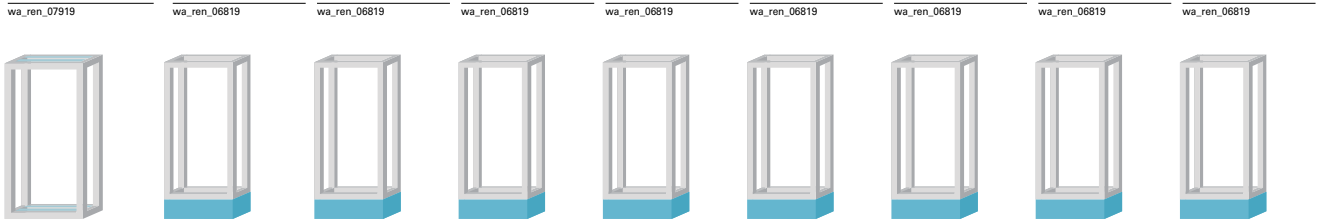
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Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP55)	top plate bottom plate Galvanized top plate/flat/ bottom plate flat/ closed, material sheet steel/ galvanized thickness=2,5mm, (IP55), with rubber sealing	top plate bottom plate = Aluminium thickness=5mm, (IP55), (unpainted),with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5mm, max. achivable degree of protection (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5mm, max. achivable degree of protection (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5mm, max. achivable degree of protection (IP20), incl. screw material
						strip depth 35mm	strip depth 110mm	strip depth 60-75mm
1400	850	300	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XLST2J85A 143358	XLST2J85B 143359	XLST2J85C 143355
		400	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041			
		600	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049			
		800	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055			
1000		300	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XLST2J10A 107690	XLST2J10B 107695	XLST2J10C 107682
		400	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042			
		600	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077			
		800	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081			
1100		300	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XLST2J11A 143360	XLST2J11B 143361	XLST2J11C 143356
		400	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043			
		600	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050			
		800	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056			
1200		300	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XLST2J12A 107691	XLST2J12B 107696	XLST2J12C 107683
		400	XLST5F124 284328	–	XLST5A124 193044			
		600	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051			
		800	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057			
1350		300	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XLST2J135A 143362	XLST2J135B 143363	XLST2J135C 143357
		400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045			
		600	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052			
		800	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058			



adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5mm, max. achivable degree of protection = (IP20), incl. screw material	Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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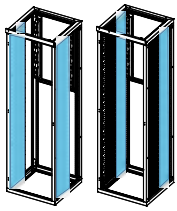
strip depth 90-105mm	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one piece	scope of delivery: one piece		
XLST2J85D 143233	XLSP11SC3 114605	XLSP22SC3 114610	XLSP11S03 114615	XLSP22S03 114620	XLSP11F85 143276	XLSP22F85 143279	XLSPH1853 143302	XLSPH2853 143315
	XLSP11SC4 114606	XLSP22SC4 114611	XLSP11S04 114616	XLSP22S04 114621			XLSPH1854 143303	XLSPH2854 143316
	XLSP11SC6 114608	XLSP22SC6 114613	XLSP11S06 114618	XLSP22S06 114623			XLSPH1856 143305	XLSPH2856 143318
	XLSP11SC8 114609	XLSP22SC8 114614	XLSP11S08 114619	XLSP22S08 114624			XLSPH1858 143306	XLSPH2858 143318
XLST2J10D 115240	XLSP11SC3 114605	XLSP22SC3 114610	XLSP11S03 114615	XLSP22S03 114620	XLSP11F10 114628	XLSP22F10 114633	XLSPH1103 116537	XLSPH2103 116547
	XLSP11SC4 114606	XLSP22SC4 114611	XLSP11S04 114616	XLSP22S04 114621			XLSPH1104 283831	XLSPH2104 283845
	XLSP11SC6 114608	XLSP22SC6 114613	XLSP11S06 114618	XLSP22S06 114623			XAP011006 283832	XAP021006 283846
	XLSP11SC8 114609	XLSP22SC8 114614	XLSP11S08 114619	XLSP22S08 114624			XAP011008 283833	XAP021008 283847
XLST2J11D 143231	XLSP11SC3 114605	XLSP22SC3 114610	XLSP11S03 114615	XLSP22S03 114620	XLSP11F11 143274	XLSP22F11 143277	XLSPH1113 143307	XLSPH2113 143320
	XLSP11SC4 114606	XLSP22SC4 114611	XLSP11S04 114616	XLSP22S04 114621			XLSPH1114 143308	XLSPH2114 143321
	XLSP11SC6 114608	XLSP22SC6 114613	XLSP11S06 114618	XLSP22S06 114623			XAP011106 143310	XAP021106 143323
	XLSP11SC8 114609	XLSP22SC8 114614	XLSP11S08 114619	XLSP22S08 114624			XAP011108 133012	XAP021108 133014
XLST2J12D 115241	XLSP11SC3 114605	XLSP22SC3 114610	XLSP11S03 114615	XLSP22S03 114620	XLSP11F12 114629	XLSP22F12 114634	XLSPH1123 116538	XLSPH2123 116548
	XLSP11SC4 114606	XLSP22SC4 114611	XLSP11S04 114616	XLSP22S04 114621			XLSPH1124 119698	XLSPH2124 119699
	XLSP11SC6 114608	XLSP22SC6 114613	XLSP11S06 114618	XLSP22S06 114623			XAP011206 283834	XAP021206 283848
	XLSP11SC8 114609	XLSP22SC8 114614	XLSP11S08 114619	XLSP22S08 114624			XAP011208 283835	XAP021208 283849
XLST2J135D 143232	XLSP11SC3 114605	XLSP22SC3 114610	XLSP11S03 114615	XLSP22S03 114620	XLSP11F135 143275	XLSP22F135 143278	XLSPH11353 143311	XLSPH21353 143324
	XLSP11SC4 114606	XLSP22SC4 114611	XLSP11S04 114616	XLSP22S04 114621			XLSPH11354 143312	XLSPH21354 143325
	XLSP11SC6 114608	XLSP22SC6 114613	XLSP11S06 114618	XLSP22S06 114623			XAP0113506 143314	XAP0213506 143327
	XLSP11SC8 114609	XLSP22SC8 114614	XLSP11S08 114619	XLSP22S08 114624			XAP0113508 133013	XAP0213508 133015

1.1.4

xEnergy Light Distribution Boards

xEnergy
Light

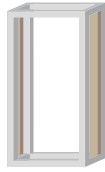
Basic Mounting Wall



wa_ren_07319



wa_ren_07319



wa_ren_07319



Height [mm]	Width [mm]	Depth [mm]	Field mounting kit right	Field mounting kit left	Add on partition to field mounting kit	Depth supporter for Basic Mounting Wall
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Bus Bar Back 1400 mm height

1400	300	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222
425	400	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222
600	400	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222
650	400	400	XLFFR14 196856	XLFFR14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
800	400	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222

wa_ren_07419



wa_ren_07419



wa_ren_07419



Height [mm]	Width [mm]	Depth [mm]	Mounting profile - height vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.	Mounting profile - depth profile in section depth needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place. if two bus bars in place (top and bottom) two bars are required incl. screw material	Mounting profile - width vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.
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Basic Mounting Wall 1400 mm height

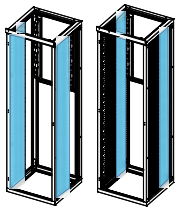
1400	300	400	XLASRH14 196183	XLASRD4S 196220	
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
425	400	400		XLASRD4S 196220	XLASRW4 196204
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
600	400	400		XLASRD4S 196220	XLASRW6 196205
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
650	400	400		XLASRD4S 196220	
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
800	400	400		XLASRD4S 196220	XLASRW8 196206
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	

1.1.4

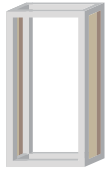
xEnergy Light Distribution Boards

xEnergy
Light

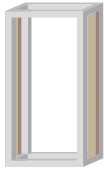
Basic Mounting Wall



wa_ren_07319



wa_ren_07319



wa_ren_07319



Height [mm]	Width [mm]	Depth [mm]	Field mounting kit right	Field mounting kit left	Add on partition to field mounting kit	Depth supporter for Basic Mounting Wall
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Bus Bar Back 1400 mm height

1400	850	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222
1000	400	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222
1100	400	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222
1200	400	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222
1350	400	400	XLFFR14 196212	XLFFL14 196856	–	XLASRD4S 196220	
		600			2 pcs	XLPF14 196216	XLASRD6S 196221
		800			4 pcs	XLPF14 196216	XLASRD8S 196222

wa_ren_07419



wa_ren_07419



wa_ren_07419



Height [mm]	Width [mm]	Depth [mm]	Mounting profile - height vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.	Mounting profile - depth profile in section depth needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place. if two bus bars in place (top and bottom) two bars are required incl. screw material	Mounting profile - width vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.
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Basic Mounting Wall 1400 mm height

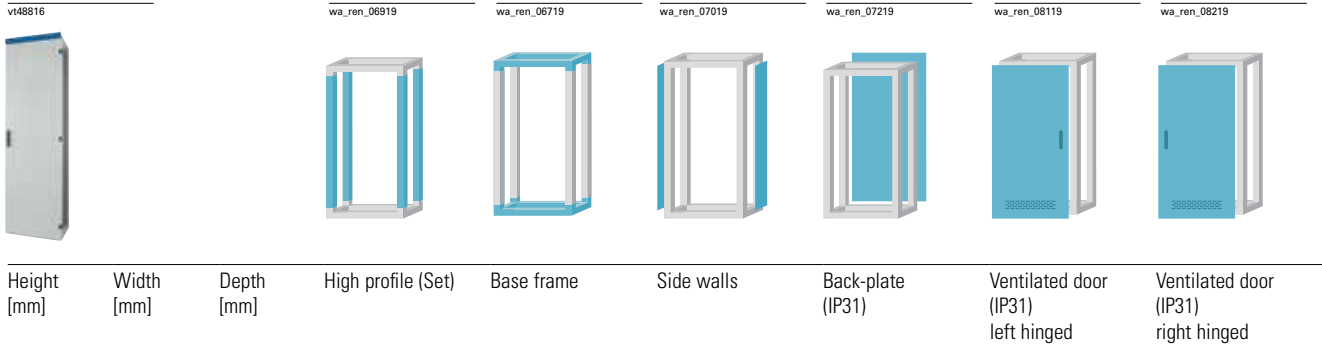
1400	850	400	XLASRH14 196183	XLASRD4S 196220	XLASRW85 196207
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1000	400	400		XLASRD4S 196220	XLASRW10 196208
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1100	400	400		XLASRD4S 196220	XLASRW11 196209
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1200	400	400		XLASRD4S 196220	XLASRW12 196210
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1350	400	400		XLASRD4S 196220	XLASRW135 196211
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	

1.2.1

xEnergy Light Distribution Boards

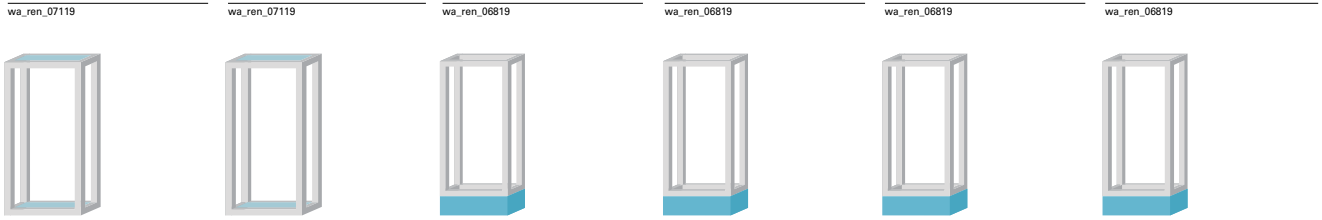
1600 mm height, IP31

**xEnergy
Light**



1600 mm height, IP31

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged
1600	300	300	XLH16 132938	XLB303 193059	XLSS163 114718	XLSR3163 193064	XLSD3L163 193077	XLSD3R163 193078
		400		XLB0304 193060	XLSS164 114722			
		600		XSFB0306 177083	XLSS166 114729			
		800		XSFB0308 193061	XLSS168 114732			
	425	300		XLB0403 132926	XLSS163 114718	XLSR3164 187922	XLSD3L164 188001	XLSD3R164 188004
		400		XLB0404 284231	XLSS164 114722			
		600		XSFB0406 284232	XLSS166 114729			
		800		XSFB0408 284233	XLSS168 114732			
	600	300		XLB0603 132928	XLSS163 114718	XLSR3166 187923	XLSD3L166 188002	XLSD3R166 188005
		400		XLB0604 284234	XLSS164 114722			
		600		XSFB0606 284235	XLSS166 114729			
		800		XSFB0608 284236	XLSS168 114732			
650	300		XLB06503 174269	XLSS163 114718	XLSR31665 195993	XLSD3L1665 196041	XLSD3R1665 196052	
	400		XLB06504 174270	XLSS164 114722				
	600		XSFB06506 174271	XLSS166 114729				
800	300		XLB0803 132930	XLSS163 114718	XLSR3168 187924	XLSD3L168 188003	XLSD3R168 188006	
	400		XLB0804 284237	XLSS164 114722				
	600		XSFB0806 284238	XLSS166 114729				
	800		XSFB0808 284239	XLSS168 114732				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, (IP31), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material

scope of delivery:
one piece

scope of delivery:
one piece




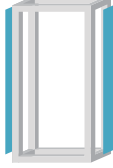



XLST3F33 196173	XLST333 196117				
XLST3F34 196175	XLST334 -				
XLST3F36 196179	XLST336 196130				
XLST3A38 196181	XLST338 196132				
XLST3F43 132953	XLST343 196118	XLSP1F4 114625	XLSP2F4 114630	XLSPH143 116534	XLSPH243 116544
XLST3F44 284286	XLST344 283484			XLSPH144 283822	XLSPH244 283836
XSPBM0406 284287	XAD0406 283485			XAP010406 283823	XLSPH246 143326
XSPBM0408 284288	XAD0408 283486			XAP010408 283824	XAP020408 283838
XLST3F63 132955	XLST363 196119	XLSP1F6 114626	XLSP2F6 114631	XLSPH163 116535	XLSPH263 116545
XLST3F64 284289	XLST364 283487			XLSPH164 283825	XLSPH264 283839
XSPBM0606 284290	XAD0606 283488			XAP010606 283826	XAP020406 283837
XSPBM0608 284291	XAD0608 283489			XAP010608 283827	XAP020608 283841
XLST3F653 196174	XLST3653 196120	XLSP1F65 174318		XLSPH1653 174311	
XLST3F654 196176	XLST3654 196127			XLSPH1654 174312	
XLST3F656 196180	XLST3656 196131			XLSPH1656 174313	XAP020606 283840
XLST3F83 132957	XLST383 196121	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546
XLST3F84 284292	XLST384 283810			XLSPH184 283828	XLSPH284 283842
XSPBM0806 284293	XAD0806 283811			XAP010806 283829	XAP020806 283843
XSPBM0808 284294	XAD08508 143292			XAP010808 283830	XAP020808 283844

1.2.1

xEnergy Light Distribution Boards

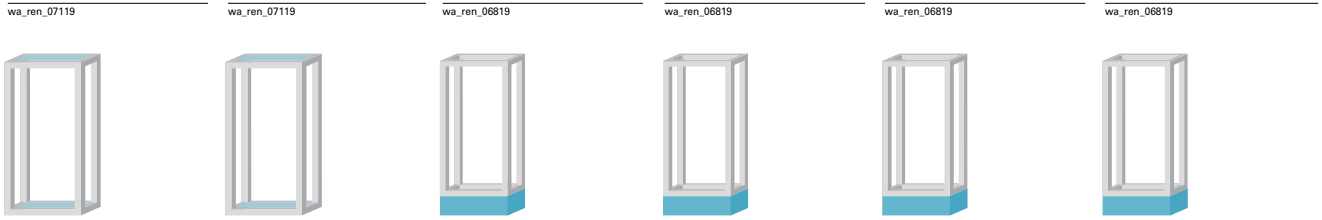
1600 mm height, IP31

**xEnergy
Light**

								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged

1600 mm height, IP31

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31)	Ventilated door (IP31)	
1600	850	300	XLH16 132938	XLB08503 143342	XLSS163 114718	XLSR31685 195994	XLSD3L1685 196042	XLSD3R1685 196053	
		400		XLB08504 143343	XLSS164 114722				
		600		XSFB08506 143345	XLSS166 114729				
		800		XSFB08508 143346	XLSS168 114732				
	1000	300	300		XLB1003 132932	XLSS163 114718	XLSR31610 187925	XLSD3D1610 188007	XLSD3D1610 188007
			400		XLB1004 284240	XLSS164 114722			
			600		XSFB1006 284241	XLSS166 114729			
			800		XSFB1008 284242	XLSS168 114732			
	1100	300	300		XLB1103 143347	XLSS163 114718	XLSR31611 195995	XLSD3D1611 196043	XLSD3D1611 196043
			400		XLB1104 143348	XLSS164 114722			
			600		XSFB1106 143350	XLSS166 114729			
			800		XSFB1108 132991	XLSS168 114732			
1200	300	300		XLB1203 132934	XLSS163 114718	XLSR31612 187926	XLSD3D1612 188008	XLSD3D1612 188008	
		400		XLB1204 132935	XLSS164 114722				
		600		XSFB1206 284243	XLSS166 114729				
		800		XSFB1208 284244	XLSS168 114732				
1350	300	300		XLB13503 143351	XLSS163 114718	XLSR316135 195996	XLSD3D16135 196044	XLSD3D16135 196044	
		400		XLB13504 143352	XLSS164 114722				
		600		XSFB13506 143354	XLSS166 114729				
		800		XSFB13508 132992	XLSS168 114732				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, (IP31), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
		scope of delivery: one piece	scope of delivery: one piece		

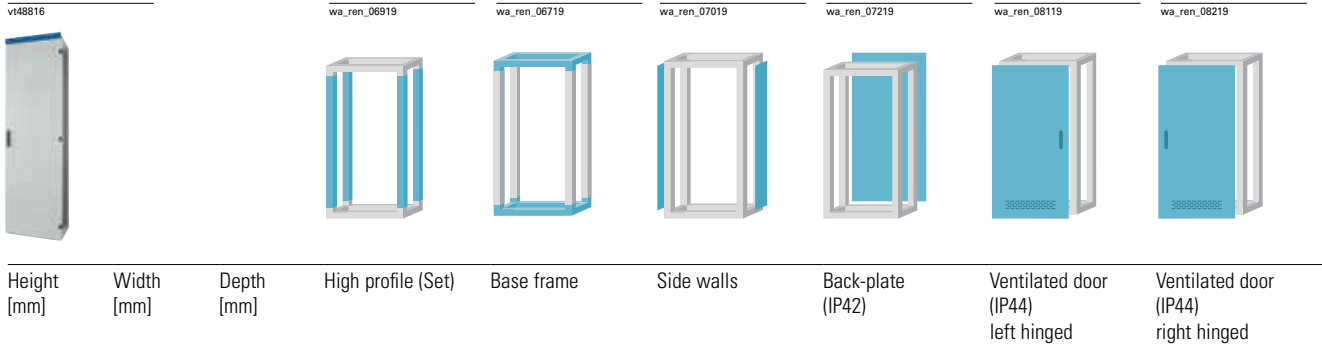
XLST3F853 143364	XLST3853 196122	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315
XLST3F854 143365	XLST3854 143289			XLSPH1854 143303	XLSPH2854 143316
XLST3F856 143367	XLST3856 143291			XLSPH1856 143305	XLSPH2856 143318
XLST3F858 143368	XLST3858 143292			XLSPH1858 143306	XLSPH2858 143319
XLST3F103 132959	XLST3103 196123	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLST3F104 284295	XLST3104 283813			XLSPH1104 283831	XLSPH2104 283845
XSPBM1006 104529	XAD1006 283814			XAP011006 283832	XAP021006 283846
XSPBM1008 104530	XAD1008 283815			XAP011008 283833	XAP021008 283847
XLST3F113 143369	XLST3113 196124	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLST3F114 143370	XLST3114 143294			XLSPH1114 143308	XLSPH2114 143321
XSPBM1106 143372	XAD1106 143296			XAP011106 143310	XAP021106 143323
XSPBM1108 133008	XAD1108 133010			XAP011108 133012	XAP021108 133014
XLST3F123 132961	XLST3123 196125	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLST3F124 132962	XLST3124 143297			XLSPH1124 119698	XLSPH2124 119699
XSPBM1206 104531	XAD1206 283816			XAP011206 283834	XAP021206 283848
XSPBM1208 104532	XAD1208 283817			XAP011208 283835	XAP021208 283849
XLST3F1353 143373	XLST31353 196126	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLST3F1354 143374	XLST31354 143299			XLSPH11354 143312	XLSPH21354 143325
XSPBM13506 143376	XAD13506 143301			XAP0113506 143314	XAP0213506 143327
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1.2.2

xEnergy Light Distribution Boards


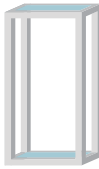
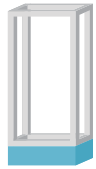
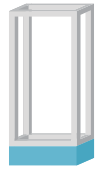
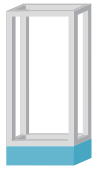
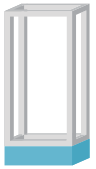
1600 mm height, IP42

**xEnergy
Light**



1600 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP44) left hinged	Ventilated door (IP44) right hinged
1600	300	300	XLH16 132938	XLB303 193059	XLSS163 114718	XLSR4163 196010	XLSD4L163 196067	XLSD4R163 196095
		400		XLB0304 193060	XLSS164 114722			
		600		XSFB0306 177083	XLSS166 114729			
		800		XSFB0308 193061	XLSS168 114732			
	425	300		XLB0403 132926	XLSS163 114718	XLSR4164 196011	XLSD4L164 196068	XLSD4R164 196096
		400		XLB0404 284231	XLSS164 114722			
		600		XSFB0406 284232	XLSS166 114729			
		800		XSFB0408 284233	XLSS168 114732			
	600	300		XLB0603 132928	XLSS163 114718	XLSR4166 196012	XLSD4L166 196069	XLSD4R166 196097
		400		XLB0604 284234	XLSS164 114722			
		600		XSFB0606 284235	XLSS166 114729			
		800		XSFB0608 284236	XLSS168 114732			
650	300		XLB06503 174269	XLSS163 114718	XLSR41665 196013	XLSD4L1665 196070	XLSD4R1665 196098	
	400		XLB06504 174270	XLSS164 114722				
	600		XSFB06506 174271	XLSS166 114729				
800	300		XLB0803 132930	XLSS163 114718	XLSR4168 196014	XLSD4L168 196071	XLSD4R168 196099	
	400		XLB0804 284237	XLSS164 114722				
	600		XSFB0806 284238	XLSS166 114729				
	800		XSFB0808 284239	XLSS168 114732				

wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
					
top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25mm, (IP55), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
		scope of delivery: one piece	scope of delivery: one piece		




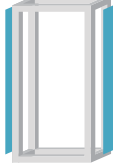



XLST433 196134	XLST533 193068				
XLST434 196144	XLST534 193069				
XSPTV4-W300D600 182499	XSPTC0306 177085				
XSPTV4-W300D800 182500	XSPTC0308 193070				
XLST443 196135	XLST543 114677	XLSP1F4 114625	XLSP2F4 114630	XLSPH143 116534	XLSPH243 116544
XLST444 196145	XLST544 284301			XLSPH144 283822	XLSPH244 283836
XSPTV4-W425D600 183188	XSPTC0406 284302			XAP010406 283823	XLSPH246 143326
XSPTV4-W425D800 183192	XSPTC0408 284303			XAP010408 283824	XAP020408 283838
XLST463 196136	XLST563 114679	XLSP1F6 114626	XLSP2F6 114631	XLSPH163 116535	XLSPH263 116545
XLST464 196146	XLST564 284304			XLSPH164 283825	XLSPH264 283839
XSPTV4-W600D600 183189	XSPTC0606 284305			XAP010606 283826	XAP020606 283837
XSPTV4-W600D800 183193	XSPTC0608 284306			XAP010608 283827	XAP020608 283841
XLST4653 196137	XLST5653 174272	XLSP1F65 174318		XLSPH1653 174311	
XLST4654 196147	XLST5654 174273			XLSPH1654 174312	
XLST4656 196164	XLST5656 174274			XLSPH1656 174313	XAP020606 283840
XLST483 196138	XLST583 114681	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546
XLST484 196148	XLST583 114681			XLSPH184 283828	XLSPH284 283842
XSPTV4-W800D600 183190	XSPTC0806 284308			XAP010806 283829	XAP020806 283843
XSPTV4-W800D800 183194	XSPTC0808 284309			XAP010808 283830	XAP020808 283844

1.2.2

xEnergy Light Distribution Boards

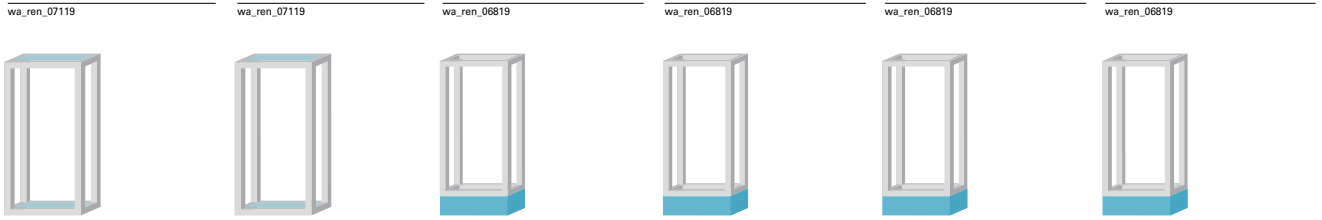
1600 mm height, IP42

**xEnergy
Light**

								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP44) left hinged	Ventilated door (IP44) right hinged

1600 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP44)	Ventilated door (IP44)		
1600	850	300	XLH16 132938	XLB08503 143342	XLSS163 114718	XLSR41685 196015	XLSD4L1685 196072	XLSD4R1685 196101		
		400		XLB08504 143343	XLSS164 114722					
		600		XSFB08506 143345	XLSS166 114729					
		800		XSFB08508 143346	XLSS168 114732					
	1000	300		XLB1003 132932	XLSS163 114718	XLSR41610 196016	XLSD4D1610 196073	XLSD4D1610 196073		
		400		XLB1004 284240	XLSS164 114722					
		600		XSFB1006 284241	XLSS166 114729					
		800		XSFB1008 284242	XLSS168 114732					
	1100	300		XLB1103 143347	XLSS163 114718	XLSR41611 196017	XLSD4D1611 196074	XLSD4D1611 196074		
		400		XLB1104 143348	XLSS164 114722				double wing	double wing
		600		XSFB1106 143350	XLSS166 114729					
		800		XSFB1108 132991	XLSS168 114732					
1200	300		XLB1203 132934	XLSS163 114718	XLSR41612 196018	XLSD4D1612 196075	XLSD4D1612 196075			
	400		XLB1204 132935	XLSS164 114722				double wing	double wing	
	600		XSFB1206 284243	XLSS166 114729						
	800		XSFB1208 284244	XLSS168 114732						
1350	300		XLB13503 143351	XLSS163 114718	XLSR416135 196019	XLSD4D16135 196076	XLSD4D16135 196076			
	400		XLB13504 143352	XLSS164 114722				double wing	double wing	
	600		XSFB13506 143354	XLSS166 114729						
	800		XSFB13508 132992	XLSS168 114732						



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25mm, (IP55), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material

scope of delivery: one piece

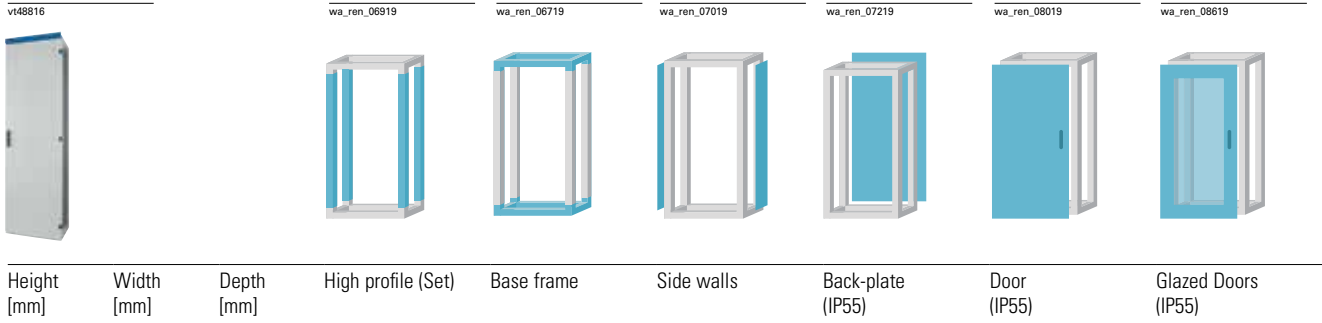
XLST4853 196139	XLST5853 143390	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315
XLST4854 196149	XLST5854 143391			XLSPH1854 143303	XLSPH2854 143316
XLST4856 182501	XLST5856 143393			XLSPH1856 143305	XLSPH2856 143318
XLST4858 182502	XLST5858 143394			XLSPH1858 143306	XLSPH2858 143319
XLST4103 196140	XLST5103 114683	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLST4104 196150	XLST5104 284310			XLSPH1104 283831	XLSPH2104 283845
XSPTV4-W1000D600 183191	XSPTC1006 284311			XAP011006 283832	XAP021006 283846
XSPTV4-W1000D800 183195	XSPTC1008 284312			XAP011008 283833	XAP021008 283847
XLST4113 196141	XLST5113 143395	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLST4114 196151	XLST5114 143396			XLSPH1114 143308	XLSPH2114 143320
XSPTV4-W1100D600 182493	XSPTC1106 143398			XAP011106 143310	XAP021106 143323
XSPTV4-W1100D800 182494	XSPTC1108 133004			XAP011108 133012	XAP021108 133014
XLST4123 196142	XLST5123 114685	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLST4124 196152	XLST5124 284313			XLSPH1124 119698	XLSPH2124 119699
XSPTV4-W1200D600 182495	XSPTC1206 284314			XAP011206 283834	XAP021206 283848
XSPTV4-W1200D800 182496	XSPTC1208 284315			XAP011208 283835	XAP021208 283849
XLST41353 196143	XLST51353 143399	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLST41354 196153	XLST51354 143400			XLSPH11354 143312	XLSPH21354 143325
XSPTV4-W1350D600 182497	XSPTC13506 143402			XAP0113506 143314	XAP0213506 143327
XSPTV4-W1350D800 182498	XSPTC13508 133005			XAP0113508 133013	XAP0213508 133015

1.2.3

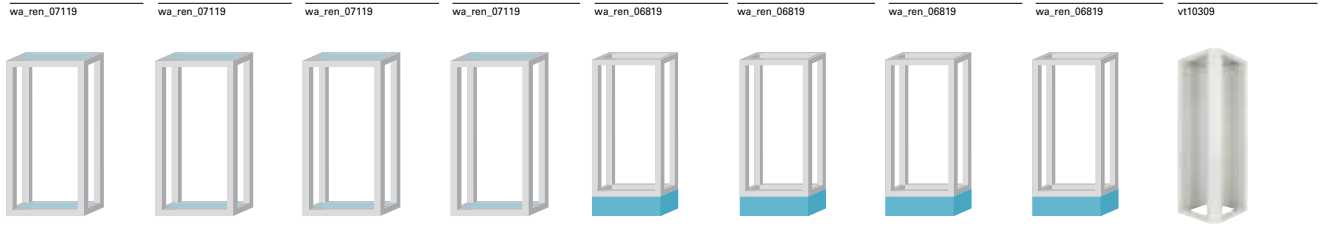
xEnergy Light Distribution Boards

1600 mm height, IP55

**xEnergy
Light**



1600 mm height, IP55								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)
1600	300	300	XLH16 132938	XLB303 193059	XLSS163 114718	XLSR5163 193065	XLSD5S163 193076	—
		400		XLB0304 193060	XLSS164 114722			
		600		XSFB0306 177083	XLSS166 114729			
		800		XSFB0308 193061	XLSS168 114732			
	425	300		XLB0403 132926	XLSS163 114718	XLSR5164 114751	XLSD5S164 132941	XLSD5GS164 187995
		400		XLB0404 284231	XLSS164 114722			
		600		XSFB0406 284232	XLSS166 114729			
		800		XSFB0408 284233	XLSS168 114732			
	600	300		XLB0603 132928	XLSS163 114718	XLSR5166 114753	XLSD5S166 132942	XLSD5GS166 187996
		400		XLB0604 284234	XLSS164 114722			
		600		XSFB0606 284235	XLSS166 114729			
		800		XSFB0608 284236	XLSS168 114732			
650	300		XLB06503 174269	XLSS163 114718	XLSR51665 174287	XLSD5S1665 174305	XLSD5GS1665 174298	
	400		XLB06504 174270	XLSS164 114722				
	600		XSFB06506 174271	XLSS166 114729				
800	300		XLB0803 132930	XLSS163 114718	XLSR5168 114755	XLSD5S168 132943	XLSD5GS168 187997	
	400		XLB0804 284237	XLSS164 114722				
	600		XSFB0806 284238	XLSS166 114729				
	800		XSFB0808 284239	XLSS168 114732				



top plate bottom plate closed, material = sheet steel/ powder coated/ thickness = 1,25mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness = 2,5mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5mm, (IP55), (unpainted),with rubber sealing	Plinth for cubicles until 300kg 100 mm height front panels/ closed	Plinth for cubicles until 300kg 200 mm height front panels/ closed	Plinth for cubicles until 300kg 100 mm height incl. screw material	Plinth for cubicles until 300kg 200 mm height incl. screw material	corner frame Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates
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scope of delivery: one piece scope of delivery: one piece unit: 1pcs

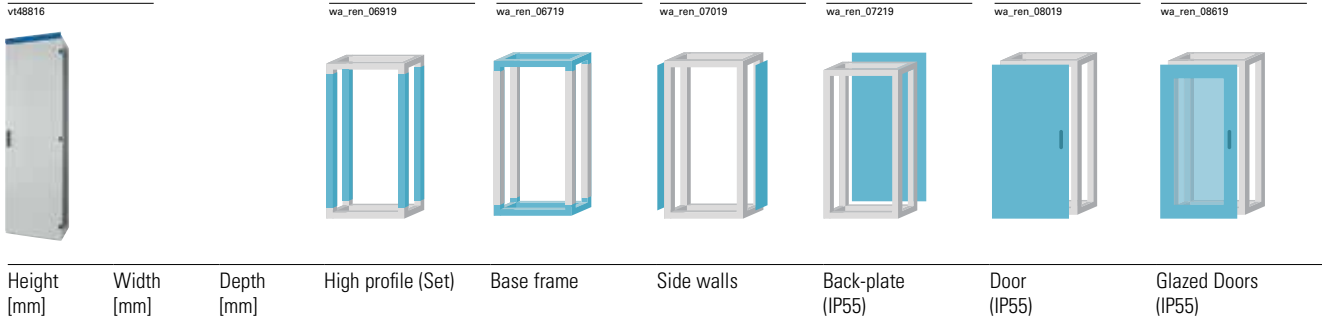
XLST533 193068	XLST5F33 -	-	XLST5A33 193026	-	-	-	-	XLC1633 187933
XLST534 193069	XLST5F34 -	-	XLST5A34 193036	-	-	-	-	XLC1644 187937
XSPTC0306 177085	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-	-	-
XSPTC0308 193070	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-	-	-
XLST543 114677	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XLSP1F4 114625	XLSP1F4 114630	XLSPH143 116534	XLSPH243 116544	XLC1633 187933
XLST544 284301	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	XLSPH144 283822	XLSPH244 283836	XLC1644 187937
XSPTC0406 284302	XSPTF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	XAP010406 283823	XLSPH246 143326	-
XSPTC0408 284303	XSPTF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	XAP010408 283824	XAP020408 283838	-
XLST563 114679	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XLSP1F6 114626	XLSP1F6 114631	XLSPH163 116535	XLSPH263 116545	XLC1633 187933
XLST564 284304	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	XLSPH164 283825	XLSPH264 283839	XLC1644 187937
XSPTC0606 284305	XSPTF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	XAP010606 283826	XAP020406 283837	-
XSPTC0608 284306	XSPTF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	XAP010608 283827	XAP020608 283841	-
XLST5653 174272	XLST5F653 174275	-	XLST5A653 193029	XLSP1F65 174318	-	XLSPH1653 174311	-	XLC1633 187933
XLST5654 174273	XLST5F654 174276	-	XLST5A654 193039	-	-	XLSPH1654 174312	-	XLC1644 187937
XLST5656 174274	XLST5F656 174277	-	XLST5A656 193048	-	-	XLSPH1656 174313	XAP020606 283840	-
XLST583 114681	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XLSP1F8 114627	XLSP1F8 114632	XLSPH183 116536	XLSPH283 116546	XLC1633 187933
XLST584 284307	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	XLSPH184 283828	XLSPH284 283842	XLC1644 187937
XSPTC0806 284308	XSPTF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	XAP010806 283829	XAP020806 283843	-
XSPTC0808 284309	XSPTF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	XAP010808 283830	XAP020808 283844	-

1.2.3

xEnergy Light Distribution Boards

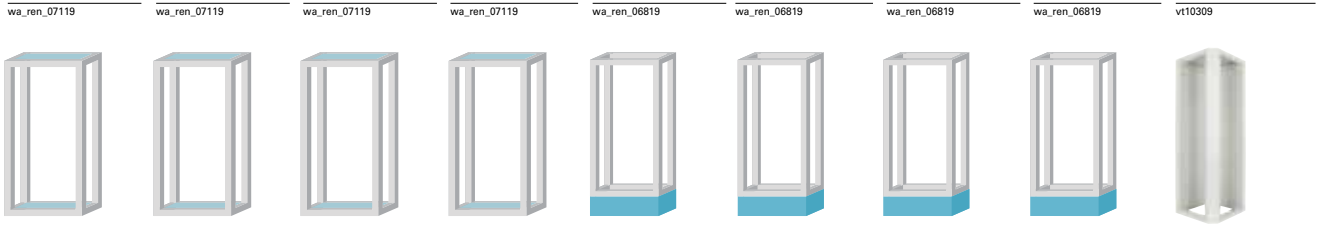
1600 mm height, IP55

**xEnergy
Light**



1600 mm height, IP55

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)
1600	850	300	XLH16 132938	XLB08503 143342	XLSS163 114718	XLSR51685 174291	XLSD5S1685 174309	XLSD5GS1685 174302
		400		XLB08504 143343	XLSS164 114722			
		600		XSFB08506 143345	XLSS166 114729			
		800		XSFB08508 143346	XLSS168 114732			
	1000	300		XLB1003 132932	XLSS163 114718	XLSR51610 114757	XLSD5S1610 132944 single wing	XLSD5GS1610 187998 single wing
		400		XLB1004 284240	XLSS164 114722			
		600		XSFB1006 284241	XLSS166 114729		XLSD5D1610 132945 double wing	XLSD5GD1610 187999 double wing
		800		XSFB1008 284242	XLSS168 114732			
	1100	300		XLB1103 143347	XLSS163 114718	XLSR51611 153546	XLSD5D1611 153552 double wing	XLSD5GD1611 196110 double wing
		400		XLB1104 143348	XLSS164 114722			
		600		XSFB1106 143350	XLSS166 114729			
		800		XSFB1108 132991	XLSS168 114732			
1200	300		XLB1203 132934	XLSS163 114718	XLSR51612 114759	XLSD5D1612 132946 double wing	—	
	400		XLB1204 132935	XLSS164 114722				
	600		XSFB1206 284243	XLSS166 114729				
	800		XSFB1208 284244	XLSS168 114732				
1350	300		XLB13503 143351	XLSS163 114718	XLSR516135 153547	XLSD5D16135 153553 double wing	XLSD5GD16135 196111 double wing	
	400		XLB13504 143352	XLSS164 114722				
	600		XSFB13506 143354	XLSS166 114729				
	800		XSFB13508 132992	XLSS168 114732				



wa_ren_07119	wa_ren_07119	wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819	vt10309
top plate bottom plate closed, material = sheet steel/ powder coated/ thickness = 1,25mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness = 2,5mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5mm, (IP55), (unpainted),with rubber sealing	Plinth for cubicles until 300kg 100 mm height front panels/ closed	Plinth <for cubicles until 300kg 200 mm height front panels/ closed	Plinth <for cubicles until 300kg 100 mm height incl. screw material	Plinth >for cubicles until 300kg 200 mm height incl. screw material	corner frame >Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates

scope of delivery: one piece scope of delivery: one piece unit: 1pcs

XLST5853 143390	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315	XLC1633 187933
XLST5854 143391	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041			XLSPH1854 143303	XLSPH2854 143316	XLC1644 187937
XLST5856 143393	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049			XLSPH1856 143305	XLSPH2856 143318	–
XLST5858 143394	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055			XLSPH1858 143306	XLSPH2858 143319	–
XLST5103 114683	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547	XLC1633 187933
XLST5104 284310	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042			XLSPH1104 283831	XLSPH2104 283845	XLC1644 187937
XSPTC1006 284311	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077			XAP011006 283832	XAP021006 283846	–
XSPTC1008 284312	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081			XAP011008 283833	XAP021008 283847	–
XLST5113 143395	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320	XLC1633 187933
XLST5114 143396	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043			XLSPH1114 143308	XLSPH2114 143321	XLC1644 187937
XSPTC1106 143398	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050			XAP011106 143310	XAP021106 143323	–
XSPTC1108 133004	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056			XAP011108 133012	XAP021108 133014	–
XLST5123 114685	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548	XLC1633 187933
XLST5124 284313	XLST5F124 284328	–	XLST5A124 193044			XLSPH1124 119698	XLSPH2124 119699	XLC1644 187937
XSPTC1206 284314	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051			XAP011206 283834	XAP021206 283848	–
XSPTC1208 284315	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057			XAP011208 283835	XAP021208 283849	–
XLST51353 143399	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324	XLC1633 187933
XLST51354 143400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045			XLSPH11354 143312	XLSPH21354 143325	XLC1644 187937
XSPTC13506 143402	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052			XAP0113506 143314	XAP0213506 143327	–
XSPTC13508 133005	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058			XAP0113508 133013	XAP0213508 133015	–

1.2.4

xEnergy Light Distribution Boards

xEnergy
Light

Plates & Plinths

vt00613



wa_ren_07119



wa_ren_07119



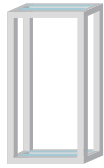
wa_ren_07119



wa_ren_07919



wa_ren_07919



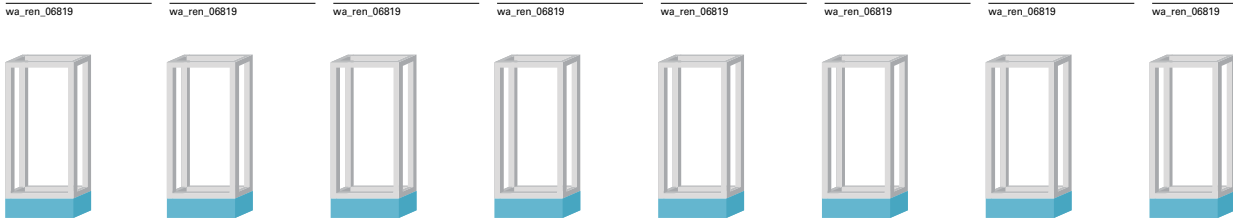
wa_ren_07919



wa_ren_07919



Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5mm, (IP55), (unpainted),with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5 mm, max. achivable degree of protection = (IP20), incl. screw material
						strip depth 35 mm	strip depth 110 mm	strip depth 60-75 mm	strip depth 90-105 mm
1600	300	300	XLST5F33 -	-	XLST5A33 193026	-	-	-	-
		400	XLST5F34 -	-	XLST5A34 193036	-	-	-	-
		600	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-	-
		800	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-	-
425	300	300	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XLST2J4A 107687	XLST2J4B 107692	XLST2J4C 107679	XLST2J4D 115237
		400	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	-	-
		600	XSPTF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	-	-
		800	XSPTF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	-	-
600	300	300	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XLST2J6A 107688	XLST2J6B 107693	XLST2J6C 107680	XLST2J6D 115238
		400	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	-	-
		600	XSPTF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	-	-
		800	XSPTF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	-	-
650	300	300	XLST5F653 174275	-	XLST5A653 193029	-	-	-	-
		400	XLST5F654 174276	-	XLST5A654 193039	-	-	-	-
		600	XLST5F656 174277	-	XLST5A656 193048	-	-	-	-
800	300	300	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XLST2J8A 107689	XLST2J8B 107694	XLST2J8C 107681	XLST2J8D 115239
		400	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	-	-
		600	XSPTF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	-	-
		800	XSPTF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	-	-



Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one piece	scope of delivery: one piece		
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	–	–	–	–
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			–	–
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			–	–
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			–	–
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F4 114625	XL SPL2F4 114630	XL SPH143 116534	XL SPH243 116544
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH144 283822	XL SPH244 283836
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010406 283823	XL SPH246 143326
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010408 283824	XAP020408 283838
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F6 114626	XL SPL2F6 114631	XL SPH163 116535	XL SPH263 116545
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH164 283825	XL SPH264 283839
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010606 283826	XAP020406 283837
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010608 283827	XAP020608 283841
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F65 174318	–	XL SPH1653 174311	–
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH1654 174312	–
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XL SPH1656 174313	XAP020606 283840
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F8 114627	XL SPL2F8 114632	XL SPH183 116536	XL SPH283 116546
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH184 283828	XL SPH284 283842
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010806 283829	XAP020806 283843
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010808 283830	XAP020808 283844

1.2.4

xEnergy Light Distribution Boards

xEnergy
Light

Plates & Plinths

vt00613



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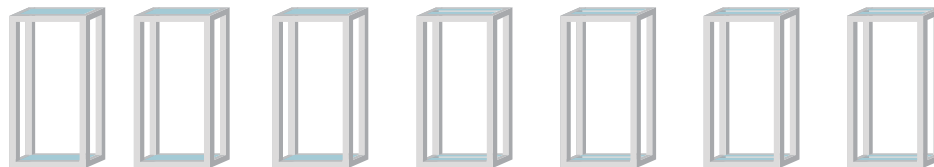
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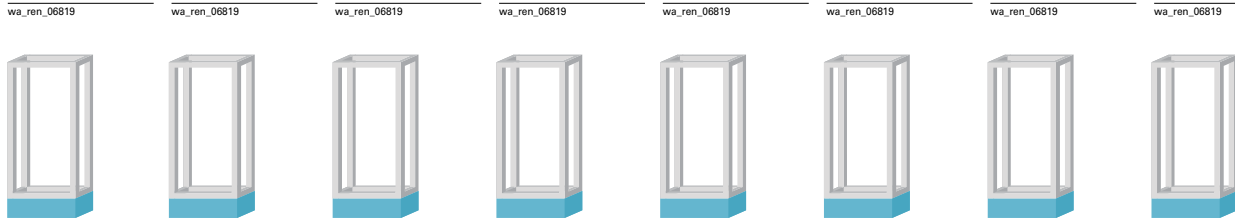
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Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25 mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5 mm, (IP55), (unpainted),with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material
						strip depth 35 mm	strip depth 110 mm	strip depth 60-75 mm	strip depth 90-105 mm
1600	850	300	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XLST2J85A 143358	XLST2J85B 143359	XLST2J85C 143355	XLST2J85D 143233
		400	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041				
		600	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049				
		800	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055				
1000		300	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XLST2J10A 107690	XLST2J10B 107695	XLST2J10C 107682	XLST2J10D 115240
		400	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042				
		600	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077				
		800	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081				
1100		300	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XLST2J11A 143360	XLST2J11B 143361	XLST2J11C 143356	XLST2J11D 143231
		400	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043				
		600	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050				
		800	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056				
1200		300	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XLST2J12A 107691	XLST2J12B 107696	XLST2J12C 107683	XLST2J12D 115241
		400	XLST5F124 284328	–	XLST5A124 193044				
		600	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051				
		800	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057				
1350		300	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XLST2J135A 143362	XLST2J135B 143363	XLST2J135C 143357	XLST2J135D 143232
		400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045				
		600	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052				
		800	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058				



Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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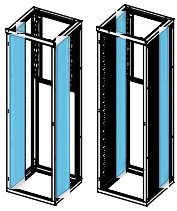
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XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1854 143303	XLSPH2854 143316
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XLSPH1856 143305	XLSPH2856 143318
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XLSPH1858 143306	XLSPH2858 143319
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1104 283831	XLSPH2104 283845
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP011006 283832	XAP021006 283846
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP011008 283833	XAP021008 283847
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1114 143308	XLSPH2114 143321
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP011106 143310	XAP021106 143323
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP011108 133012	XAP021108 133014
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1124 119698	XLSPH2124 119699
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP011206 283834	XAP021206 283848
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP011208 283835	XAP021208 283849
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH11354 143312	XLSPH21354 143325
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP0113506 143314	XAP0213506 143327
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP0113508 133013	XAP0213508 133015

1.2.4

xEnergy Light Distribution Boards

xEnergy
Light

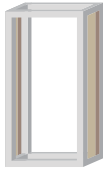
Bus Bar Back 1600 mm height



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Height [mm]	Width [mm]	Depth [mm]	Field mounting kit right	Field mounting kit left	Add on partition to field mounting kit	Depth supporter for Basic Mounting Wall
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Bus Bar Back 1600mm height

1600	300	400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222
425	400	400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222
600	400	400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222
650	400	400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
800	400	400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222

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Height [mm]	Width [mm]	Depth [mm]	Mounting profile - height vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.	Mounting profile - depth profile in section depth needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place. if two bus bars in place (top and bottom) two bars are required incl. screw material	Mounting profile - width vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.
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Basic Mounting Wall 1600 mm height

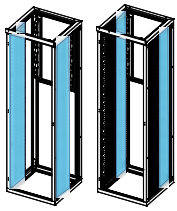
1600	300	400	XLASRH16 196184	XLASRD4S 196220	
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
425	400	400		XLASRD4S 196220	XLASRW4 196204
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
600	400	400		XLASRD4S 196220	XLASRW6 196205
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
650	400	400		XLASRD4S 196220	
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
800	400	400		XLASRD4S 196220	XLASRW8 196206
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	

1.2.4

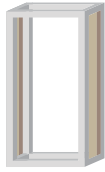
xEnergy Light Distribution Boards

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Light

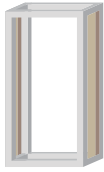
Bus Bar Back 1600 mm height



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Height [mm]	Width [mm]	Depth [mm]	Field mounting kit right	Field mounting kit left	Add on partition to field mounting kit	Depth supporter for Basic Mounting Wall
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Bus Bar Back 1600 mm height

1600	850	400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222
1000		400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222
1100		400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222
1200		400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222
1350		400	XLFFR16 196213	XLFFL16 196857	–	XLASRD4S 196220	
		600			2 pcs	XLPF16 196217	XLASRD6S 196221
		800			4 pcs	XLPF16 196217	XLASRD8S 196222

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Height [mm]	Width [mm]	Depth [mm]	Mounting profile - height vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.	Mounting profile - depth profile in section depth needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place. if two bus bars in place (top and bottom) two bars are required incl. screw material	Mounting profile - width vertical profile in section height (assembling area) for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.
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Basic Mounting Wall 1600 mm height








1600	850	400	XLASRH16 196184	XLASRD4S 196220	XLASRW8S 196207
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1000	400	400		XLASRD4S 196220	XLASRW10 196208
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1100	400	400		XLASRD4S 196220	XLASRW11 196209
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1200	400	400		XLASRD4S 196220	XLASRW12 196210
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	
1350	400	400		XLASRD4S 196220	XLASRW13S 196211
		600		XLASRD6S 196221	
		800		XLASRD8S 196222	

1.3.1

xEnergy Light Distribution Boards

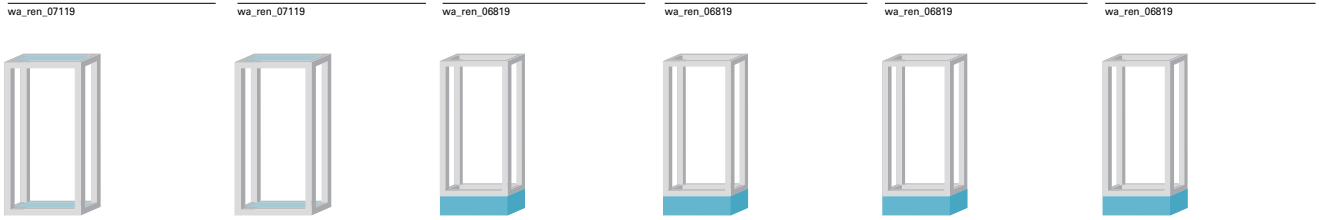
1800 mm height, IP31

**xEnergy
Light**

								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged

1800 mm height, IP31

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31)	Ventilated door (IP31)
1800	300	300	XLH18 132939	XLB303 193059	XLSS183 114719	XLSR3183 193062	XLSD3L183 193074	XLSD3R183 193075
		400		XLB0304 193060	XLSS184 114723			
		600		XSFB0306 177083	XLSS186 114730			
		800		XSFB0308 193061	XLSS188 114733			
	425	300		XLB0403 132926	XLSS183 114719	XLSR3184 187927	XLSD3L184 188014	XLSD3R184 188017
		400		XLB0404 284231	XLSS184 114723			
		600		XSFB0406 284232	XLSS186 114730			
		800		XSFB0408 284233	XLSS188 114733			
	600	300		XLB0603 132928	XLSS183 114719	XLSR3186 187928	XLSD3L186 Y7-188015	XLSD3R186 188018
		400		XLB0604 284234	XLSS184 114723			
		600		XSFB0606 284235	XLSS186 114730			
		800		XSFB0608 284236	XLSS188 114733			
650	300		XLSS183 114719	XLSS163 114718	XLSR31865 195997	XLSD3L1865 196045	XLSD3R1865 196054	
	400		XLSS184 114723	XLSS164 114722				
	600		XLSS186 114730	XLSS166 114729				
800	300		XLB0803 132930	XLSS183 114719	XLSR3188 187929	XLSD3L188 188016	XLSD3R188 188019	
	400		XLB0804 284237	XLSS184 114723				
	600		XSFB0806 284238	XLSS186 114730				
	800		XSFB0808 284239	XLSS188 114733				



top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25 mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP31), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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scope of delivery:
one piece

scope of delivery:
one piece








XLST3F33 196173	XLST333 196117	–	–	–	–
XLST3F34 196175	XLST334 –	–	–	–	–
XLST3F36 196179	XLST336 196130	–	–	–	–
XLST3A38 196181	XLST338 196132	–	–	–	–
XLST3F43 132953	XLST343 196118	XLSP1F4 114625	XLSP2F4 114630	XLSPH143 116534	XLSPH243 116544
XLST3F44 284286	XLST344 283484	–	–	XLSPH144 283822	XLSPH244 283836
XSPBM0406 284287	XAD0406 283485	–	–	XAP010406 283823	XLSPH246 143326
XSPBM0408 284288	XAD0408 283486	–	–	XAP010408 283824	XAP020408 283838
XLST3F63 132955	XLST363 196119	XLSP1F6 114626	XLSP2F6 114631	XLSPH163 116535	XLSPH263 116545
XLST3F64 284289	XLST364 283487	–	–	XLSPH164 283825	XLSPH264 283839
XSPBM0606 284290	XAD0606 283488	–	–	XAP010606 283826	XAP020406 283837
XSPBM0608 284291	XAD0608 283489	–	–	XAP010608 283827	XAP020608 283841
XLST3F653 196174	XLST3653 196120	XLSP1F65 174318	–	XLSPH1653 174311	–
XLST3F654 196176	XLST3653 196120	–	–	XLSPH1654 174312	–
XLST3F656 196180	XLST3656 196131	–	–	XLSPH1656 174313	XAP020606 283840
XLST3F83 132957	XLST383 196121	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546
XLST3F84 284292	XLST384 283810	–	–	XLSPH184 283828	XLSPH284 283842
XSPBM0806 284293	XAD0806 283811	–	–	XAP010806 283829	XAP020806 283843
XSPBM0808 284294	XAD08508 143292	–	–	XAP010808 283830	XAP020808 283844

1.3.1

xEnergy Light Distribution Boards

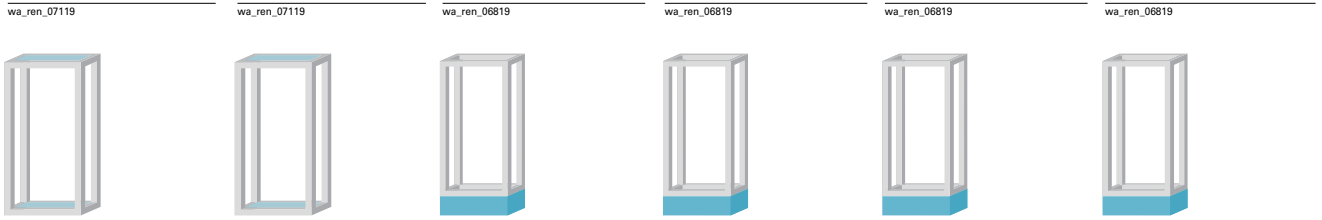
1800 mm height, IP31

**xEnergy
Light**

								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged

1800 mm height, IP31

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31)	Ventilated door (IP31)	
1800	850	300	XLH18 132939	XLB08503 143342	XLSS183 114719	XLSR31885 195998	XLSD3L1885 196046	XLSD3R1885 196055	
		400		XLB08504 143343	XLSS184 114723				
		600		XSFB08506 143345	XLSS186 114730				
		800		XSFB08508 143346	XLSS188 114733				
	1000	300			XLB1003 132932	XLSS183 114719	XLSR31810 187930	XLSD3D1810 188020	XLSD3D1810 188020
		400			XLB1004 284240	XLSS184 114723		double wing	double wing
		600			XSFB1006 284241	XLSS186 114730			
		800			XSFB1008 284242	XLSS188 114733			
	1100	300			XLB1103 143347	XLSS183 114719	XLSR31811 195999	XLSD3D1811 196047	XLSD3D1811 196047
		400			XLB1104 143348	XLSS184 114723		double wing	double wing
		600			XSFB1106 143350	XLSS186 114730			
		800			XSFB1108 132991	XLSS188 114733			
1200	300			XLB1203 132934	XLSS183 114719	XLSR31812 187931	XLSD3D1812 188021	XLSD3D1812 188021	
	400			XLB1204 132935	XLSS184 114723		double wing	double wing	
	600			XSFB1206 284243	XLSS186 114730				
	800			XSFB1208 284244	XLSS188 114733				
1350	300			XLB13503 143351	XLSS183 114719	XLSR318135 196000	XLSD3D18135 196048	XLSD3D18135 196048	
	400			XLB13504 143352	XLSS184 114723		double wing	double wing	
	600			XSFB13506 143354	XLSS186 114730				
	800			XSFB13508 132992	XLSS188 114733				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25 mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP31), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
		scope of delivery: one piece	scope of delivery: one piece		








XLST3F853 143364	XLST3853 196122	XSPL1F85 143276	XSPL2F85 143279	XLSPH1853 143302	XLSPH2853 143315
XLST3F854 143365	XLST3854 143289			XLSPH1854 143303	XLSPH2854 143316
XLST3F856 143367	XLST3856 143291			XLSPH1856 143305	XLSPH2856 143318
XLST3F858 143368	XLST3858 143292			XLSPH1858 143306	XLSPH2858 143319
XLST3F103 132959	XLST3103 196123	XSPL1F10 114628	XSPL2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLST3F104 284295	XLST3104 283813			XLSPH1104 283831	XLSPH2104 283845
XSPBM1006 104529	XAD1006 283814			XAP011006 283832	XAP021006 283846
XSPBM1008 104530	XAD1008 283815			XAP011008 283833	XAP021008 283847
XLST3F113 143369	XLST3113 196124	XSPL1F11 143274	XSPL2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLST3F114 143370	XLST3114 143294			XLSPH1114 143308	XLSPH2114 143321
XSPBM1106 143372	XAD1106 143296			XAP011106 143310	XAP021106 143323
XSPBM1108 133008	XAD1108 133010			XAP011108 133012	XAP021108 133014
XLST3F123 132961	XLST3123 196125	XSPL1F12 114629	XSPL2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLST3F124 132962	XLST3124 143297			XLSPH1124 119698	XLSPH2124 119699
XSPBM1206 104531	XAD1206 283816			XAP011206 283834	XAP021206 283848
XSPBM1208 104532	XAD1208 283817			XAP011208 283835	XAP021208 283849
XLST3F1353 143373	XLST31353 196126	XSPL1F135 143275	XSPL2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLST3F1354 143374	XLST31354 143299			XLSPH11354 143312	XLSPH21354 143325
XSPBM13506 143376	XAD13506 143301			XAP0113506 143314	XAP0213506 143327
XSPBM13508 133009	XAD13508 133011			XAP0113508 133013	XAP0213508 133015

1.3.2

xEnergy Light Distribution Boards

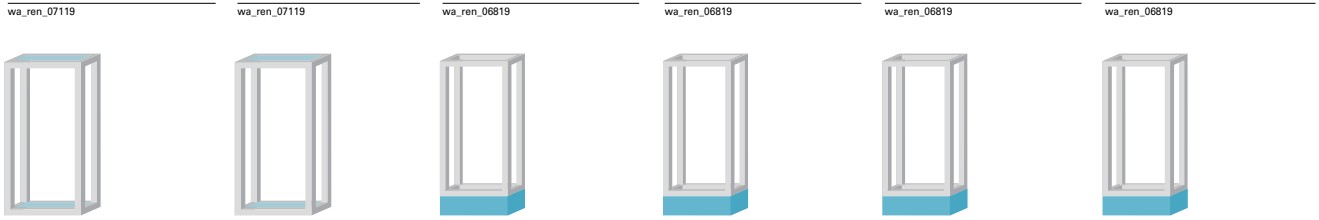
1800 mm height, IP42

**xEnergy
Light**

								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP44) left hinged	Ventilated door (IP44) right hinged

1800 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP44) left hinged	Ventilated door (IP44) right hinged
1800	300	300	XLH18 132939	XLB303 193059	XLSS183 114719	XLSR4183 196020	XLSD4L183 196077	XLSD4R183 196102
		400		XLB0304 193060	XLSS184 114723			
		600		XSFB0306 177083	XLSS186 114730			
		800		XSFB0308 193061	XLSS188 114733			
425	300	300		XLB0403 132926	XLSS183 114719	XLSR4184 196023	XLSD4L184 196078	XLSD4R184 196103
		400		XLB0404 284231	XLSS184 114723			
		600		XSFB0406 284232	XLSS186 114730			
		800		XSFB0408 284233	XLSS188 114733			
600	300	300		XLB0603 132928	XLSS183 114719	XLSR4186 196024	XLSD4L186 196079	XLSD4R186 196104
		400		XLB0604 284234	XLSS184 114723			
		600		XSFB0606 284235	XLSS186 114730			
		800		XSFB0608 284236	XLSS188 114733			
650	300	300		XLSS183 114719	XLSS163 114718	XLSR41865 196025	XLSD4L1865 196080	XLSD4R1865 196105
		400		XLSS184 114723	XLSS164 114722			
		600		XLSS186 114730	XLSS166 114729			
800	300	300		XLB0803 132930	XLSS183 114719	XLSR4188 196026	XLSD4L188 196081	XLSD4R188 196106
		400		XLB0804 284237	XLSS184 114723			
		600		XSFB0806 284238	XLSS186 114730			
		800		XSFB0808 284239	XLSS188 114733			



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25 mm, (IP55), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
		scope of delivery: one piece	scope of delivery: one piece		








XLST433 196134	XLST533 193068				
XLST434 196144	XLST534 193069				
XSPTV4-W300D600 182499	XSPTC0306 177085				
XSPTV4-W300D800 182500	XSPTC0308 193070				
XLST443 196135	XLST543 114677	XLSP1F4 114625	XLSP2F4 114630	XLSPH143 116534	XLSPH243 116544
XLST444 196145	XLST544 284301			XLSPH144 283822	XLSPH244 283836
XSPTV4-W425D600 183188	XSPTC0406 284302			XAP010406 283823	XLSPH246 143326
XSPTV4-W425D800 183192	XSPTC0408 284303			XAP010408 283824	XAP020408 283838
XLST463 196136	XLST563 114679	XLSP1F6 114626	XLSP2F6 114631	XLSPH163 116535	XLSPH263 116545
XLST464 196146	XLST564 284304			XLSPH164 283825	XLSPH264 283839
XSPTV4-W600D600 183189	XSPTC0606 284305			XAP010606 283826	XAP020406 283837
XSPTV4-W600D800 183193	XSPTC0608 284306			XAP010608 283827	XAP020608 283841
XLST4653 196137	XLST5653 174272	XLSP1F65 174318		XLSPH1653 174311	
XLST4654 196147	XLST5654 174273			XLSPH1654 174312	
XLST4656 196164	XLST5656 174274			XLSPH1656 174313	XAP020606 283840
XLST483 196138	XLST583 114681	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546
XLST484 196148	XLST584 284307			XLSPH184 283828	XLSPH284 283842
XSPTV4-W800D600 183190	XSPTC0806 284308			XAP010806 283829	XAP020806 283843
XSPTV4-W800D800 183194	XSPTC0808 284309			XAP010808 283830	XAP020808 283844

1.3.2

xEnergy Light Distribution Boards

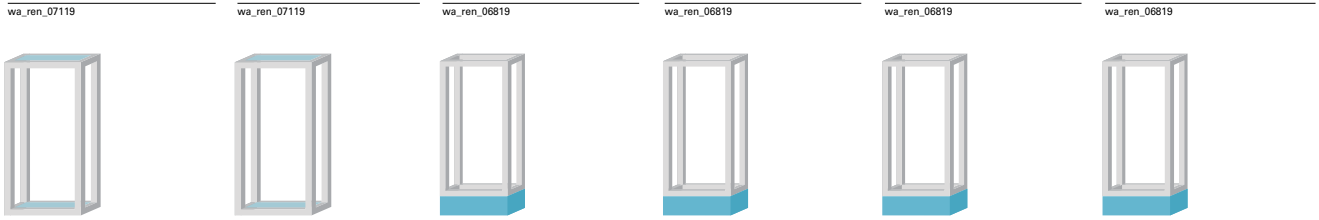
1800 mm height, IP42

**xEnergy
Light**

								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP44) left hinged	Ventilated door (IP44) right hinged

1800 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP44)	Ventilated door (IP44)
1800	850	300	XLH18 132939	XLB08503 143342	XLSS183 114719	XLSR41885 196027	XLSD4L1885 196082	XLSD4R1885 196107
		400		XLB08504 143343	XLSS184 114723			
		600		XSFB08506 143345	XLSS186 114730			
		800		XSFB08508 143346	XLSS188 114733			
	1000	300		XLB1003 132932	XLSS183 114719	XLSR41810 196028	XLSD4D1810 196083	XLSD4D1810 196083
		400		XLB1004 284240	XLSS184 114723		double wing	double wing
		600		XSFB1006 284241	XLSS186 114730			
		800		XSFB1008 284242	XLSS188 114733			
	1100	300		XLB1103 143347	XLSS183 114719	XLSR41811 196029	XLSD4D1811 196084	XLSD4D1811 196084
		400		XLB1104 143348	XLSS184 114723		double wing	double wing
		600		XSFB1106 143350	XLSS186 114730			
		800		XSFB1108 132991	XLSS188 114733			
1200	300		XLB1203 132934	XLSS183 114719	XLSR41812 196030	XLSD5D1812 132951	XLSD5D1812 188013	
	400		XLB1204 132935	XLSS184 114723		double wing	double wing	
	600		XSFB1206 284243	XLSS186 114730				
	800		XSFB1208 284244	XLSS188 114733				
1350	300		XLB13503 143351	XLSS183 114719	XLSR418135 196033	XLSD5D18135 196058	XLSD5D18135 196113	
	400		XLB13504 143352	XLSS184 114723		double wing	double wing	
	600		XSFB13506 143354	XLSS186 114730				
	800		XSFB13508 132992	XLSS188 114733				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25 mm, (IP55), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material

scope of delivery: one piece

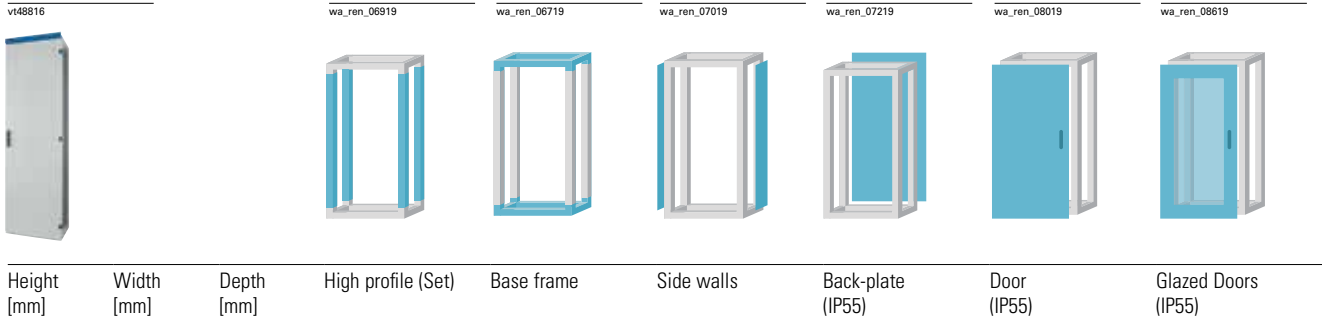
XLST4853 196139	XLST5853 143390	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315
XLST4854 196149	XLST5854 143391			XLSPH1854 143303	XLSPH2854 143316
XLST4856 182501	XLST5856 143393			XLSPH1856 143305	XLSPH2856 143318
XLST4858 182502	XLST5858 143394			XLSPH1858 143306	XLSPH2858 143319
XLST4103 196140	XLST5103 114683	XLSP1F85 143276	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLST4104 196150	XLST5104 284310			XLSPH1104 283831	XLSPH2104 283845
XSPTV4-W1000D600 183191	XSPTC1006 284311			XAP011006 283832	XAP021006 283846
XSPTV4-W1000D800 183195	XSPTC1008 284312			XAP011008 283833	XAP021008 283847
XLST4113 196141	XLST5113 143395	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLST4114 196151	XLST5114 143396			XLSPH1114 143308	XLSPH2114 143321
XSPTV4-W1100D600 182493	XSPTC1106 143398			XAP011106 143310	XAP021106 143323
XSPTV4-W1100D800 182494	XSPTC1108 133004			XAP011108 133012	XAP021108 133014
XLST4123 196142	XLST5123 114685	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLST4124 196152	XLST5124 284313			XLSPH1124 119698	XLSPH2124 119699
XSPTV4-W1200D600 182495	XSPTC1206 284314			XAP011206 283834	XAP021206 283848
XSPTV4-W1200D800 182496	XSPTC1208 284315			XAP011208 283835	XAP021208 283849
XLST41353 196143	XLST51353 143399	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLST41354 196153	XLST51354 143400			XLSPH11354 143312	XLSPH21354 143325
XSPTV4-W1350D600 182497	XSPTC13506 143402			XAP0113506 143314	XAP0213506 143327
XSPTV4-W1350D800 182498	XSPTC13508 133005			XAP0113508 133013	XAP0213508 133015

1.3.3

xEnergy Light Distribution Boards

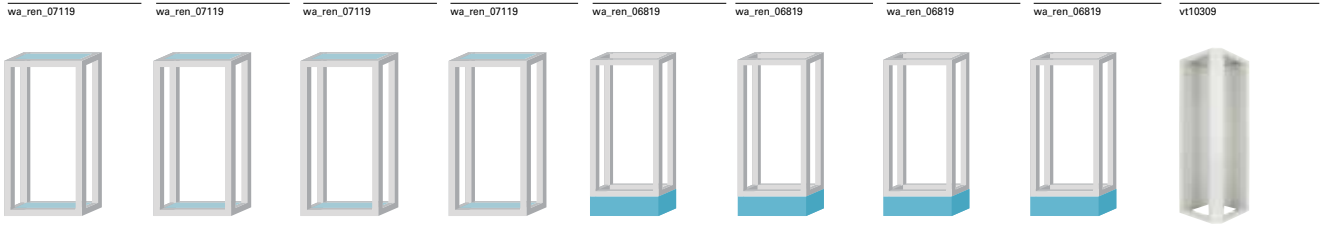
1800 mm height, IP55

**xEnergy
Light**



1800 mm height, IP55

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)
1800	300	300	XLH18 132939	XLB303 193059	XLSS183 114719	XLSR5183 193063	XLSD5S183 193073	—
		400		XLB0304 193060	XLSS184 114723			
		600		XSFB0306 177083	XLSS186 114730			
		800		XSFB0308 193061	XLSS188 114733			
	425	300		XLB0403 132926	XLSS183 114719	XLSR5184 174294	XLSD5S184 174296	XLSD5GS184 189849
		400		XLB0404 284231	XLSS184 114723			
		600		XSFB0406 284232	XLSS186 114730			
		800		XSFB0408 284233	XLSS188 114733			
	600	300		XLB0603 132928	XLSS183 114719	XLSR5186 114754	XLSD5S186 132947	XLSD5GS186 188009
		400		XLB0604 284234	XLSS184 114723			
		600		XSFB0606 284235	XLSS186 114730			
		800		XSFB0608 284236	XLSS188 114733			
650	300		XLSS183 114719	XLSS163 114718	XLSR51865 174288	XLSD5S1865 174306	XLSD5GS1865 174299	
	400		XLSS184 114723	XLSS164 114722				
	600		XLSS186 114730	XLSS166 114729				
800	300		XLB0803 132930	XLSS183 114719	XLSR5188 114756	XLSD5S188 132948	XLSD5GS188 188010	
	400		XLB0804 284237	XLSS184 114723				
	600		XSFB0806 284238	XLSS186 114730				
	800		XSFB0808 284239	XLSS188 114733				



wa_ren_07119	wa_ren_07119	wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819	v110309
top plate bottom plate closed, material = sheet steel/ powder coated/ thickness = 1,25 mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25 mm, (IP55)	Galvanized top plate/ bottom plate flat/ closed, material = steel/ galvanized thickness=2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5 mm, (IP55), (unpainted),with rubber sealing	Plinth for cubicles until 300kg 100 mm height front panels/ closed	Plinth <for cubicles until 300kg 200 mm height front panels/ closed	Plinth <for cubicles until 300kg 100 mm height incl. screw material	Plinth >for cubicles until 300kg 200 mm height incl. screw material	corner frame Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates

scope of delivery: one piece scope of delivery: one piece unit: 1pcs

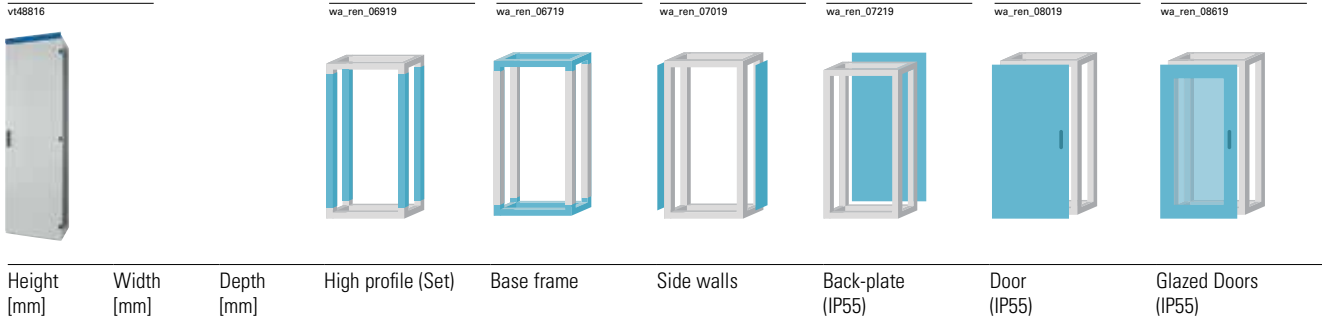
XLST533 193068	XLST5F33 -	-	XLST5A33 193026	-	-	-	-	XLC1833 187934
XLST534 193069	XLST5F34 -	-	XLST5A34 193036	-	-	-	-	XLC1844 187938
XSPTC0306 177085	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-	-	-
XSPTC0308 193070	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-	-	-
XLST543 114677	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XLSP1F4 114625	XLSP2F4 114630	XLSPH143 116534	XLSPH243 116544	XLC1833 187934
XLST544 284301	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	XLSPH144 283822	XLSPH244 283836	XLC1844 187938
XSPTC0406 284302	XSPTF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	XAP010406 283823	XLSPH246 143326	-
XSPTC0408 284303	XSPTF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	XAP010408 283824	XAP020408 283838	-
XLST563 114679	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XLSP1F6 114626	XLSP2F6 114631	XLSPH163 116535	XLSPH263 116545	XLC1833 187934
XLST564 284304	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	XLSPH164 283825	XLSPH264 283839	XLC1844 187938
XSPTC0606 284305	XSPTF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	XAP010606 283826	XAP020606 283837	-
XSPTC0608 284306	XSPTF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	XAP010608 283827	XAP020608 283841	-
XLST5653 174272	XLST5F653 174275	-	XLST5A653 193029	XLSP1F65 174318	-	XLSPH1653 174311	-	XLC1833 187934
XLST5654 174273	XLST5F654 174276	-	XLST5A654 193039	-	-	XLSPH1654 174312	-	XLC1844 187938
XLST5656 174274	XLST5F656 174277	-	XLST5A656 193048	-	-	XLSPH1656 174313	XAP020606 283840	-
XLST583 114681	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546	XLC1833 187934
XLST584 284307	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	XLSPH184 283828	XLSPH284 283842	XLC1844 187938
XSPTC0806 284308	XSPTF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	XAP010806 283829	XAP020806 283843	-
XSPTC0808 284309	XSPTF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	XAP010808 283830	XAP020808 283844	-

1.3.3

xEnergy Light Distribution Boards

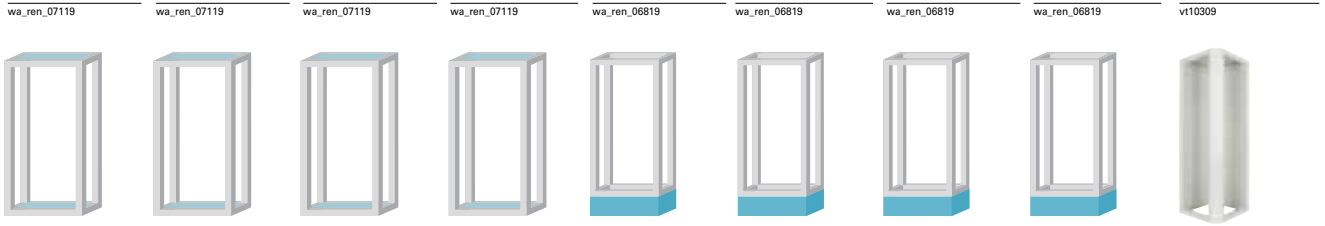
1800 mm height, IP55

**xEnergy
Light**



1800 mm height, IP55

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)
1800	850	300	XLH18 132939	XLB08503 143342	XLSS183 114719	XLSR51885 174292	XLSD5S1885 174310	XLSD5GS1885 174303
		400		XLB08504 143343	XLSS184 114723			
		600		XSFB08506 143345	XLSS186 114730			
		800		XSFB08508 143346	XLSS188 114733			
	1000	300		XLB1003 132932	XLSS183 114719	XLSR51810 114758	XLSD5S1810 132949 single wing	XLSD5GS1810 188011 single wing
		400		XLB1004 284240	XLSS184 114723			
		600		XSFB1006 284241	XLSS186 114730			
		800		XSFB1008 284242	XLSS188 114733			
	1100	300		XLB1103 143347	XLSS183 114719	XLSR51811 196036	XLSD5D1811 196057 double wing	XLSD5GD1811 196112 double wing
		400		XLB1104 143348	XLSS184 114723			
		600		XSFB1106 143350	XLSS186 114730			
		800		XSFB1108 132991	XLSS188 114733			
	1200	300		XLB1203 132934	XLSS183 114719	XLSR51812 114760	XLSD5D1812 132951 double wing	XLSD5GD1812 188013 double wing
		400		XLB1204 132935	XLSS184 114723			
		600		XSFB1206 284243	XLSS186 114730			
		800		XSFB1208 284244	XLSS188 114733			
	1350	300		XLB13503 143351	XLSS183 114719	XLSR518135 196037	XLSD5D18135 196058 double wing	XLSD5GD18135 196113 double wing
		400		XLB13504 143352	XLSS184 114723			
		600		XSFB13506 143354	XLSS186 114730			
		800		XSFB13508 132992	XLSS188 114733			



top plate bottom plate closed, material = sheet steel/ powder coated/ thickness = 1,25 mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25 mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness=2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium (unpainted), thickness=5 mm, (IP55), with rubber sealing	Plinth for cubicles until 300kg 100 mm height front panels/ closed	Plinth < for cubicles until 300kg 200 mm height front panels/ closed	Plinth < for cubicles until 300kg 100 mm height incl. screw material	Plinth > for cubicles until 300kg 200 mm height incl. screw material	corner frame Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates
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scope of delivery: one piece scope of delivery: one piece unit: 1pcs

XLST5853 143390	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XL SPL1F85 143276	XL SPL2F85 143279	XLSPH1853 143302	XLSPH2853 143315	XLC1833 187934
XLST5854 143391	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041			XLSPH1854 143303	XLSPH2854 143316	XLC1844 187938
XLST5856 143393	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049			XLSPH1856 143305	XLSPH2856 143318	–
XLST5858 143394	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055			XLSPH1858 143306	XLSPH2858 143319	–
XLST5103 114683	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XL SPL1F10 114628	XL SPL2F10 114633	XLSPH1103 116537	XLSPH2103 116547	XLC1833 187934
XLST5104 284310	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042			XLSPH1104 283831	XLSPH2104 283845	XLC1844 187938
XSPTC1006 284311	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077			XAP011006 283832	XAP021006 283846	–
XSPTC1008 284312	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081			XAP011008 283833	XAP021008 283847	–
XLST5113 143395	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XL SPL1F11 143274	XL SPL2F11 143277	XLSPH1113 143307	XLSPH2113 143320	XLC1833 187934
XLST5114 143396	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043			XLSPH1114 143308	XLSPH2114 143321	XLC1844 187938
XSPTC1106 143398	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050			XAP011106 143310	XAP021106 143323	–
XSPTC1108 133004	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056			XAP011108 133012	XAP021108 133014	–
XLST5123 114685	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XL SPL1F12 114629	XL SPL2F12 114634	XLSPH1123 116538	XLSPH2123 116548	XLC1833 187934
XLST5124 284313	XLST5F124 284328	–	XLST5A124 193044			XLSPH1124 119698	XLSPH2124 119699	XLC1844 187938
XSPTC1206 284314	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051			XAP011206 283834	XAP021206 283848	–
XSPTC1208 284315	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057			XAP011208 283835	XAP021208 283849	–
XLST51353 143399	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XL SPL1F135 143275	XL SPL2F135 143278	XLSPH11353 143311	XLSPH21353 143324	XLC1833 187934
XLST51354 143400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045			XLSPH11354 143312	XLSPH21354 143325	XLC1844 187938
XSPTC13506 143402	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052			XAP0113506 143314	XAP0213506 143327	–
XSPTC13508 133005	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058			XAP0113508 133013	XAP0213508 133015	–

1.3.4

xEnergy Light Distribution Boards

xEnergy
Light

Plates & Plinths

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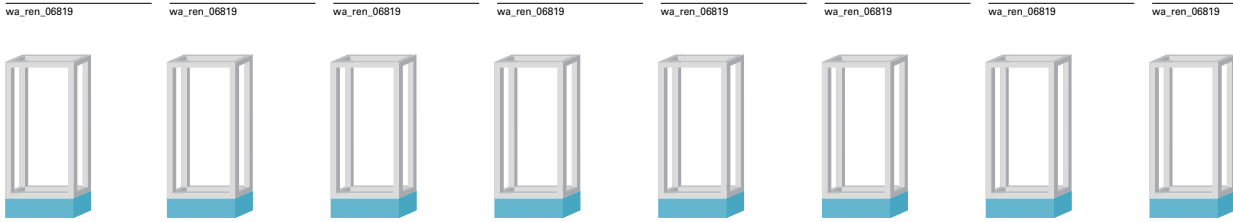
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Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25 mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness = 2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness = 5mm, (IP55), (unpainted), with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material
						strip depth 35 mm	strip depth 110 mm	strip depth 60-75 mm	strip depth 90-105 mm
1800	300	300	XLST5F33 -	-	XLST5A33 193026	-	-	-	-
		400	XLST5F34 -	-	XLST5A34 193036	-	-	-	-
		600	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-	-
		800	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-	-
425	300	300	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XLST2J4A 107687	XLST2J4B 107692	XLST2J4C 107679	XLST2J4D 115237
		400	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	-	-
		600	XSPBF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	-	-
		800	XSPBF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	-	-
600	300	300	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XLST2J6A 107688	XLST2J6B 107693	XLST2J6C 107680	XLST2J6D 115238
		400	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	-	-
		600	XSPBF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	-	-
		800	XSPBF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	-	-
650	300	300	XLST5F653 174275	-	XLST5A653 193029	-	-	-	-
		400	XLST5F654 174276	-	XLST5A654 193039	-	-	-	-
		600	XLST5F656 174277	-	XLST5A656 193048	-	-	-	-
800	300	300	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XLST2J8A 107689	XLST2J8B 107694	XLST2J8C 107681	XLST2J8D 115239
		400	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	-	-
		600	XSPBF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	-	-
		800	XSPBF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	-	-



Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one piece	scope of delivery: one piece		
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	–	–	–	–
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			–	–
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			–	–
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			–	–
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F4 114625	XL SPL2F4 114630	XL SPH143 116534	XL SPH243 116544
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH144 283822	XL SPH244 283836
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010406 283823	XL SPH246 143326
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010408 283824	XAP020408 283838
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F6 114626	XL SPL2F6 114631	XL SPH163 116535	XL SPH263 116545
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH164 283825	XL SPH264 283839
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010606 283826	XAP020406 283837
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010608 283827	XAP020608 283841
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F65 174318	–	XL SPH1653 174311	–
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH1654 174312	–
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XL SPH1656 174313	XAP020606 283840
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F8 114627	XL SPL2F8 114632	XL SPH183 116536	XL SPH283 116546
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH184 283828	XL SPH284 283842
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010806 283829	XAP020806 283843
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010808 283830	XAP020808 283844

1.3.4

xEnergy Light Distribution Boards

xEnergy
Light

Plates & Plinths

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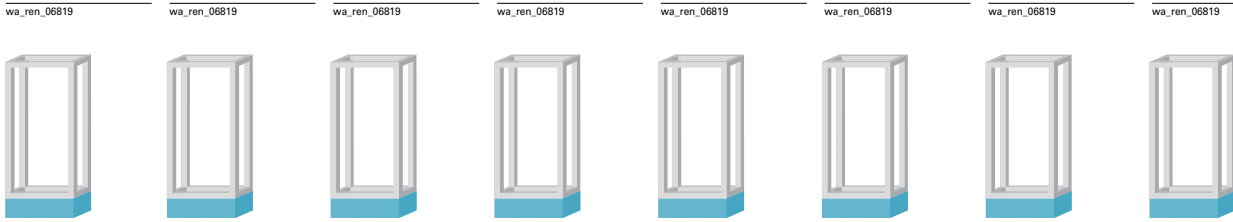
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Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25 mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness = 2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness = 5 mm, (IP55), (unpainted), with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material
						strip depth 35 mm	strip depth 110 mm	strip depth 60-75 mm	strip depth 90-105 mm
1800	850	300	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XLST2J85A 143358	XLST2J135A 143362	XLST2J85C 143355	XLST2J85D 143233
		400	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041				
		600	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049				
		800	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055				
1000		300	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XLST2J10A 107690	XLST2J10B 107695	XLST2J10C 107682	XLST2J10D 115240
		400	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042				
		600	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077				
		800	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081				
1100		300	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XLST2J11A 143360	XLST2J11B 143361	XLST2J11C 143356	XLST2J11D 143231
		400	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043				
		600	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050				
		800	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056				
1200		300	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XLST2J12A 107691	XLST2J12B 107696	XLST2J12C 107683	XLST2J12D 115241
		400	XLST5F124 284328	–	XLST5A124 193044				
		600	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051				
		800	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057				
1350		300	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XLST2J135A 143362	XLST2J135B 143363	XLST2J135C 143357	XLST2J135D 143232
		400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045				
		600	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052				
		800	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058				



Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
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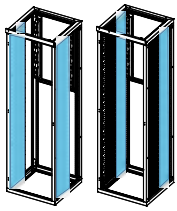
scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one piece	scope of delivery: one piece		
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XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH1854 143303	XL SPH2854 143316
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XL SPH1856 143305	XL SH2856 143318
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XL SPH1858 143306	XL SH2858 143319
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F10 114628	XL SPL2F10 114633	XL SPH1103 116537	XL SPH2103 116547
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH1104 283831	XL SPH2104 283845
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XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP011008 283833	XAP021008 283847
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F11 143274	XL SPL2F11 143277	XL SPH1113 143307	XL SPH2113 143320
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH1114 143308	XL SPH2114 143321
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP011106 143310	XAP021106 143323
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP011108 133012	XAP021108 133014
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F12 114629	XL SPL2F12 114634	XL SPH1123 116538	XL SPH2123 116548
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH1124 119698	XL SPH2124 119699
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP011206 283834	XAP021206 283848
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XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP0113506 143314	XAP0213506 143327
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP0113508 133013	XAP0213508 133015

1.3.4

xEnergy Light Distribution Boards

xEnergy
Light

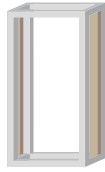
Basic Mounting Wall



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Height [mm]	Width [mm]	Depth [mm]	Field mounting kit right	Field mounting kit left	Add on partition to field mounting kit	Depth supporter for Basic Mounting Wall
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Basic Mounting Wall 1800 mm height

1800	300	400	XLFFR18 196214	XLFFL18 196858		XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222
425	400	400	XLFFR18 196214	XLFFL18 196858		XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222
600	400	400	XLFFR18 196214	XLFFL18 196858		XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222
650	400	400	XLFFR18 196214	XLFFL18 196858		XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
800	400	400	XLFFR18 196214	XLFFL18 196858		XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222

wa_ren_07419



Mounting profile - height
vertical profile in section height
(assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

wa_ren_07419



Mounting profile - depth
profile in section depth
needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place.
if two bus bars in place (top and bottom) two bars are required
incl. screw material

wa_ren_07419



Mounting profile - width
vertical profile in section height
(assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

XLASRH18
196185

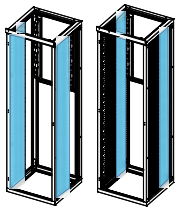
XLASRD4S 196220	
XLASRD6S 196221	
XLASRD8S 196222	
XLASRD4S 196220	XLASRW4 196204
XLASRD6S 196221	
XLASRD8S 196222	
XLASRD4S 196220	XLASRW6 196205
XLASRD6S 196221	
XLASRD8S 196222	
XLASRD4S 196220	
XLASRD6S 196221	
XLASRD4S 196220	XLASRW8 196206
XLASRD6S 196221	
XLASRD8S 196222	

1.3.4

xEnergy Light Distribution Boards

xEnergy
Light

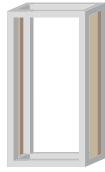
Basic Mounting Wall



wa_ren_07319



wa_ren_07319



wa_ren_07319



Height [mm]	Width [mm]	Depth [mm]	Field mounting kit right	Field mounting kit left	Add on partition to field mounting kit	Depth supporter for Basic Mounting Wall
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Basic Mounting Wall 1800 mm height

1800	850	400	XLFFR18 196214	XLFFL18 196858	–	XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222
1000	400	400	XLFFR18 196214	XLFFL18 196858	–	XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222
1100	400	400	XLFFR18 196214	XLFFL18 196858	–	XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222
1200	400	400	XLFFR18 196214	XLFFL18 196858	–	XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222
1350	400	400	XLFFR18 196214	XLFFL18 196858	–	XLASRD4S 196220	
		600			2 pcs	XLPF18 196218	XLASRD6S 196221
		800			4 pcs	XLPF18 196218	XLASRD8S 196222

wa_ren_07419



Mounting profile - height
vertical profile in section height (assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

wa_ren_07419



Mounting profile - depth
profile in section depth
needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place.
if two bus bars in place (top and bottom) two bars are required
incl. screw material

wa_ren_07419



Mounting profile - width
vertical profile in section height (assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

XLASRH18
196185

XLASRD4S
196220

XLASRW85
196207

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW10
196208

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW11
196209

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW12
196210

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW135
196211

XLASRD6S
196221

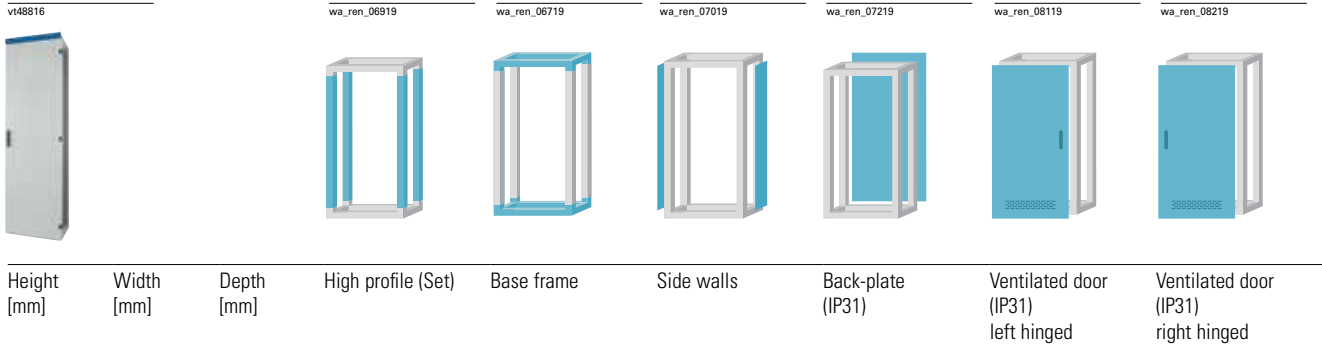
XLASRD8S
196222

1.4.1

xEnergy Light Distribution Boards

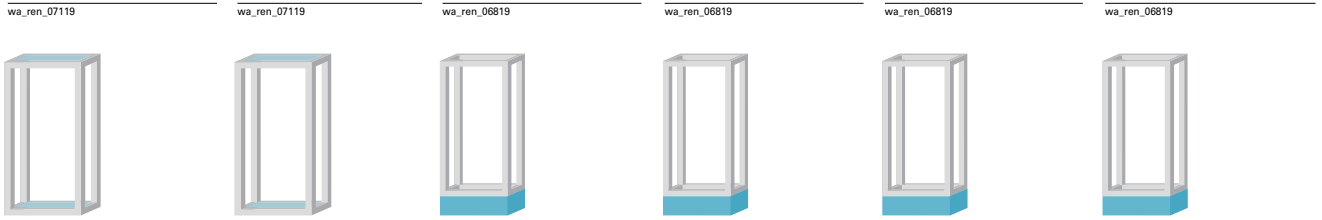
2000 mm height, IP31

**xEnergy
Light**



2000 mm height, IP31

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged
2000	300	300	XSFH20 284245	XLB303 193059	XLSS203 114720	XSWV2003 177084	XSDMLV2003 193071	XSDMRV2003 193072
		400		XLB0304 193060	XAW2004 283856			
		600		XSFB0306 177083	XAW2006 283857			
		800		XSFB0308 193061	XAW2008 283858			
	425	300		XLB0403 132926	XLSS203 114720	XSWV2004 284360	XSDMLV2004 284209	XSDMRV2004 284218
		400		XLB0404 284231	XAW2004 283856			
		600		XSFB0406 284232	XAW2006 283857			
		800		XSFB0408 284233	XAW2008 283858			
	600	300		XLB0603 132928	XLSS203 114720	XSWV2006 284361	XSDMLV2006 284210	XSDMRV2006 284219
		400		XLB0604 284234	XAW2004 283856			
		600		XSFB0606 284235	XAW2006 283857			
		800		XSFB0608 284236	XAW2008 283858			
650	300		XLSS183 114719	XLSS203 114720	XLSR32065 196001	XLSD3L2065 196049	XLSD3R2065 196056	
	400		XLSS184 114723	XAW2004 283856				
	600		XLSS186 114730	XAW2006 283857				
800	300		XLB0803 132930	XLSS203 114720	XSWV2008 284362	XSDMLV2008 284211	XSDMRV2008 284220	
	400		XLB0804 284237	XAW2004 283856				
	600		XSFB0806 284238	XAW2006 283857				
	800		XSFB0808 284239	XAW2008 283858				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25 mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP31), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material

scope of delivery:
one piece








XLST3F33 196173	XLST333 196117	–	–	–	–
XLST3F34 196175	XLST334 –	–	–	–	–
XLST3F36 196179	XLST336 196130	–	–	–	–
XLST3A38 196181	XLST338 196132	–	–	–	–
XLST3F43 132953	XLST343 196118	XLSP1F4 114625	XLSP2F4 114630	XLSPH143 116534	XLSPH243 116544
XLST3F44 284286	XLST344 283484	–	–	XLSPH144 283822	XLSPH244 283836
XSPBM0406 284287	XAD0406 283485	–	–	XAP010406 283823	XLSPH246 143326
XSPBM0408 284288	XAD0408 283486	–	–	XAP010408 283824	XAP020408 283838
XLST3F63 132955	XLST363 196119	XLSP1F6 114626	XLSP2F6 114631	XLSPH163 116535	XLSPH263 116545
XLST3F64 284289	XLST364 283487	–	–	XLSPH164 283825	XLSPH264 283839
XSPBM0606 284290	XAD0606 283488	–	–	XAP010606 283826	XAP020406 283837
XSPBM0608 284291	XAD0608 283489	–	–	XAP010608 283827	XAP020608 283841
XLST3F653 196174	XLST3653 196120	XLSP1F65 174318	–	XLSPH1653 174311	–
XLST3F654 196176	XLST3654 196127	–	–	XLSPH1654 174312	–
XLST3F656 196180	XLST3656 196131	–	–	XLSPH1656 174313	XAP020606 283840
XLST3F83 132957	XLST383 196121	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546
XLST3F84 284292	XLST384 283810	–	–	XLSPH184 283828	XLSPH284 283842
XSPBM0806 284293	XAD0806 283811	–	–	XAP010806 283829	XAP020806 283843
XSPBM0808 284294	XAD08508 143292	–	–	XAP010808 283830	XAP020808 283844

1.4.1

xEnergy Light Distribution Boards

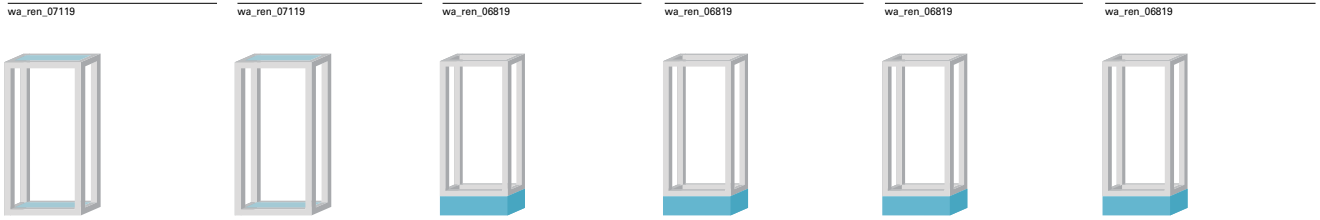
2000 mm height, IP31

**xEnergy
Light**

								
Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31) left hinged	Ventilated door (IP31) right hinged

2000 mm height, IP31

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP31)	Ventilated door (IP31)	Ventilated door (IP31)		
2000	850	300	XSFH20 284245	XLB08503 143342	XLSS203 114720	XLSR32085 143417	XLSD3L2085 143338	XLSD3R2085 143339		
		400		XLB08504 143343	XAW2004 283856					
		600		XSFB08506 143345	XAW2006 283857					
		800		XSFB08508 143346	XAW2008 283858					
	1000	300	300	XLB1003 132932	XLSS203 114720	XSWV2010 284363	XSDMLV2010 284212	XSDMRV2010 284211		
			400	XLB1004 284240	XAW2004 283856				single wing	single wing
			600	XSFB1006 284241	XAW2006 283857					
			800	XSFB1008 284242	XAW2008 283858					
	1100	300	300	XLB1103 143347	XLSS203 114720	XSWV2011 133002	XSDMV2011-S 143340	XSDMV2011-S 143340		
			400	XLB1104 143348	XAW2004 283856				double wing	double wing
			600	XSFB1106 143350	XAW2006 283857					
			800	XSFB1108 132991	XAW2008 283858					
1200	300	300	XLB1203 132934	XLSS203 114720	XSWV2012 284364	XSDMV2012-S 284213	XSDMV2012-S 284213			
		400	XLB1204 132935	XAW2004 283856				double wing	double wing	
		600	XSFB1206 284243	XAW2006 283857						
		800	XSFB1208 284244	XAW2008 283858						
1350	300	300	XLB13503 143351	XLSS203 114720	XSWV20135 133003	XSDMV20135-S 143341	XSDMV20135-S 143341			
		400	XLB13504 143352	XAW2004 283856				double wing	double wing	
		600	XSFB13506 143354	XAW2006 283857						
		800	XSFB13508 132992	XAW2008 283858						



top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness=1,25 mm, (IP31)	top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP31), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
		scope of delivery: one piece	scope of delivery: one piece		

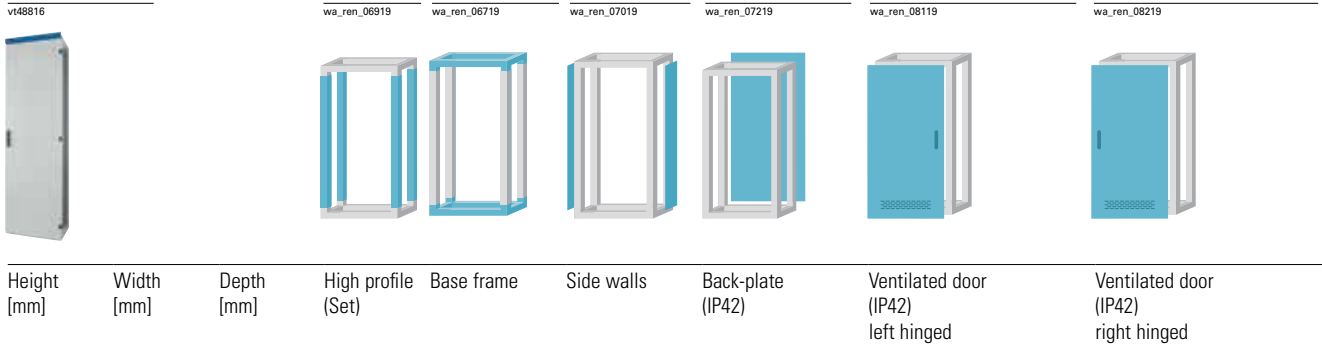
XLST3F853 143364	XLST3853 196122	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315
XLST3F854 143365	XLST3854 143289			XLSPH1854 143303	XLSPH2854 143316
XLST3F856 143367	XLST3856 143291			XLSPH1856 143305	XLSPH2856 143318
XLST3F858 143368	XLST3858 143292			XLSPH1858 143306	XLSPH2858 143319
XLST3F103 132959	XLST3103 196123	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLST3F104 284295	XLST3104 283813			XLSPH1104 283831	XLSPH2104 283845
XSPBM1006 104529	XAD1006 283814			XAP011006 283832	XAP021006 283846
XSPBM1008 104530	XAD1008 283815			XAP011008 283833	XAP021008 283847
XLST3F113 143369	XLST3113 196124	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLST3F114 143370	XLST3114 143294			XLSPH1114 143308	XLSPH2114 143321
XSPBM1106 143372	XAD1106 143296			XAP011106 143310	XAP021106 143323
XSPBM1108 133008	XAD1108 133010			XAP011108 133012	XAP021108 133014
XLST3F123 132961	XLST3123 196125	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLST3F124 132962	XLST3124 143297			XLSPH1124 119698	XLSPH2124 119699
XSPBM1206 104531	XAD1206 283816			XAP011206 283834	XAP021206 283848
XSPBM1208 104532	XAD1208 283817			XAP011208 283835	XAP021208 283849
XLST3F1353 143373	XLST31353 196126	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLST3F1354 143374	XLST31354 143299			XLSPH11354 143312	XLSPH21354 143325
XSPBM13506 143376	XAD13506 143301			XAP0113506 143314	XAP0213506 143327
XSPBM13508 133009	XAD13508 133011			XAP0113508 133013	XAP0213508 133015

1.4.2

xEnergy Light Distribution Boards

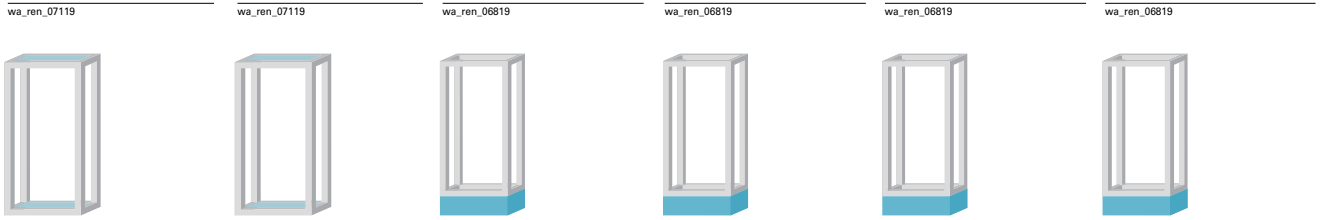
2000 mm height, IP42

**xEnergy
Light**



2000 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP42) left hinged	Ventilated door (IP42) right hinged
2000	300	300	XSFH20 284245	XLB303 193059	XLSS203 114720	XTSZRV4-W300 174083	XTSZDSKV4L-H2000W300 196087	XTSZDSKV4R-H2000W300 196108
		400		XLB0304 193060	XAW2004 283856			
		600		XSFB0306 177083	XAW2006 283857			
		800		XSFB0308 193061	XAW2008 283858			
	425	300	XLB0403 132926	XLSS203 114720	XTSZRV4-W425 172524	XTSZDSKV4L-H2000W425 172497	XTSZDSKV4R-H2000W425 172500	
		400		XLB0404 284231				XAW2004 283856
		600		XSFB0406 284232				XAW2006 283857
		800		XSFB0408 284233				XAW2008 283858
	600	300	XLB0603 132928	XLSS203 114720	XTSZRV4-W600 172525	XTSZDSKV4L-H2000W600 172498	XTSZDSKV4R-H2000W600 172501	
		400		XLB0604 284234				XAW2004 283856
		600		XSFB0606 284235				XAW2006 283857
		800		XSFB0608 284236				XAW2008 283858
650	300	XLSS183 114719	XLSS203 114720	XLSR42065 196034	XLSD4L2065 196088	XLSD4R2065 196109		
	400		XLSS184 114723				XAW2004 283856	
	600		XLSS186 114730				XAW2006 283857	
800	300	XLB0803 132930	XLSS203 114720	XTSZRV4-W800 172526	XTSZDSKV4L-H2000W800 172499	XTSZDSKV4R-H2000W800 172502		
	400		XLB0804 284237				XAW2004 283856	
	600		XSFB0806 284238				XAW2006 283857	
	800		XSFB0808 284239				XAW2008 283858	



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25 mm, (IP55), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
scope of delivery: one piece			scope of delivery: one piece		

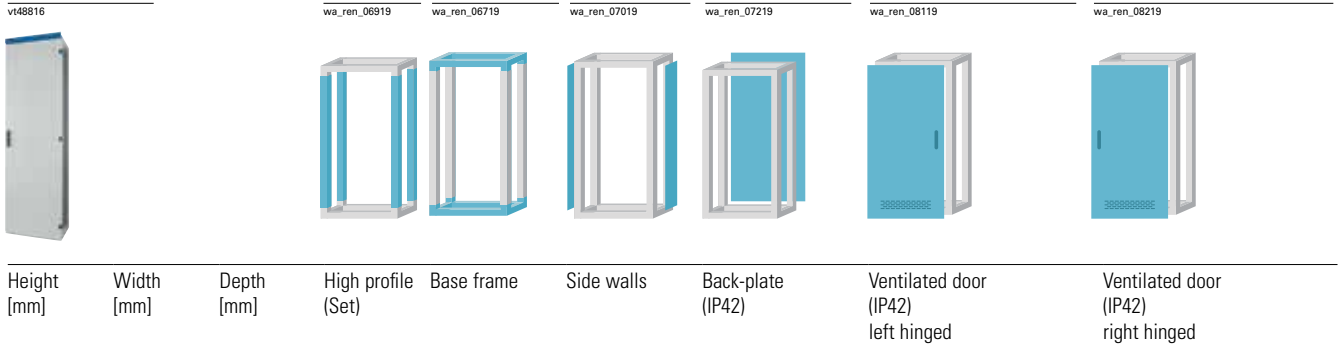
XLST433 196134	XLST533 193068	–	–	–	–
XLST434 196144	XLST534 193069	–	–	–	–
XSPTV4-W300D600 182499	XSPTC0306 177085	–	–	–	–
XSPTV4-W300D800 182500	XSPTC0308 193070	–	–	–	–
XLST443 196135	XLST543 114677	XLSP1F4 114625	XLSP2F4 114630	XLSPH143 116534	XLSPH243 116544
XLST444 196145	XLST544 284301	–	–	XLSPH144 283822	XLSPH244 283836
XSPTV4-W425D600 183188	XSPTC0406 284302	–	–	XAP010406 283823	XLSPH246 143326
XSPTV4-W425D800 183192	XSPTC0408 284303	–	–	XAP010408 283824	XAP020408 283838
XLST463 196136	XLST563 114679	XLSP1F6 114626	XLSP2F6 114631	XLSPH163 116535	XLSPH263 116545
XLST464 196146	XLST564 284304	–	–	XLSPH164 283825	XLSPH264 283839
XSPTV4-W600D600 183189	XSPTC0606 284305	–	–	XAP010606 283826	XAP020406 283837
XSPTV4-W600D800 183193	XSPTC0608 284306	–	–	XAP010608 283827	XAP020608 283841
XLST4653 196137	XLST5653 174272	XLSP1F65 174318	–	XLSPH1653 174311	–
XLST4654 196147	XLST5654 174273	–	–	XLSPH1654 174312	–
XLST4656 196164	XLST5656 174274	–	–	XLSPH1656 174313	XAP020606 283840
XLST483 196138	XLST583 114681	XLSP1F8 114627	XLSP2F8 114632	XLSPH183 116536	XLSPH283 116546
XLST484 196148	XLST584 284307	–	–	XLSPH184 283828	XLSPH284 283842
XSPTV4-W800D600 183190	XSPTC0806 284308	–	–	XAP010806 283829	XAP020806 283843
XSPTV4-W800D800 183194	XSPTC0808 284309	–	–	XAP010808 283830	XAP020808 283844

1.4.2

xEnergy Light Distribution Boards

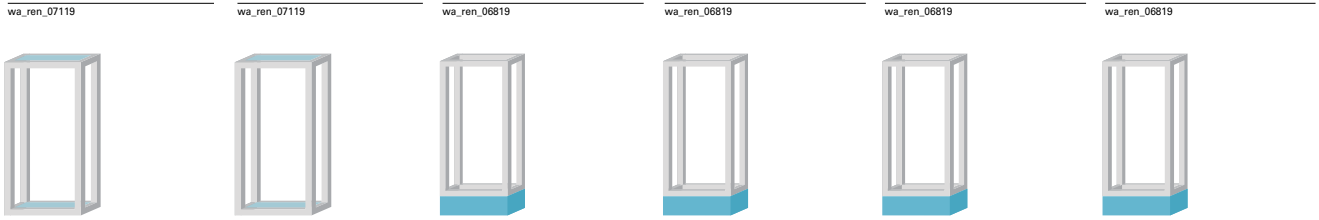
2000 mm height, IP42

**xEnergy
Light**



2000 mm height, IP42

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP42)	Ventilated door (IP42) left hinged	Ventilated door (IP42) right hinged	
2000	850	300	XSFB20 284245	XLB08503 143342	XLSS203 114720	XLSR42085 196035	XLSD4L2085 178321	XLSD4R2085 178320	
		400		XLB08504 143343	XAW2004 283856				
		600		XSFB08506 143345	XAW2006 283857				
		800		XSFB08508 143346	XAW2008 283858				
	1000	300	300		XLB1003 132932	XLSS203 114720	XTSZRV4-W1000 172520	XTSZDSKV4L-H2000W1000 172701	XTSZDSKV4R-H2000W1000 172702
			400		XLB1004 284240	XAW2004 283856		single wing	single wing
			600		XSFB1006 284241	XAW2006 283857			
			800		XSFB1008 284242	XAW2008 283858			
	1100	300	300		XLB1103 143347	XLSS203 114720	XTSZRV4-W1100 172521	XTSZDSKV4S-H2000W1100 172503	XTSZDSKV4S-H2000W1100 172503
			400		XLB1104 143348	XAW2004 283856		double wing	double wing
			600		XSFB1106 143350	XAW2006 283857			
			800		XSFB1108 132991	XAW2008 283858			
1200	300	300		XLB1203 132934	XLSS203 114720	XTSZRV4-W1200 172522	XTSZDSKV4S-H2000W1200 172504	XTSZDSKV4S-H2000W1200 172504	
		400		XLB1204 132935	XAW2004 283856		double wing	double wing	
		600		XSFB1206 284243	XAW2006 283857				
		800		XSFB1208 284244	XAW2008 283858				
1350	300	300		XLB13503 143351	XLSS203 114720	XTSZRV4-W1350 172523	XTSZDSKV4S-H2000W1350 172505	XTSZDSKV4S-H2000W1350 172505	
		400		XLB13504 143352	XAW2004 283856		double wing	double wing	
		600		XSFB13506 143354	XAW2006 283857				
		800		XSFB13508 132992	XAW2008 283858				



wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819
top plate ventilated, material sheet steel/ incl. screw material, powder coated/ thickness=1,25 mm, (IP42), with rubber sealing	top plate bottom plate closed, material = sheet steel/ powder coated/ thickness=1,25 mm, (IP55), with rubber sealing	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
scope of delivery: one piece			scope of delivery: one piece		

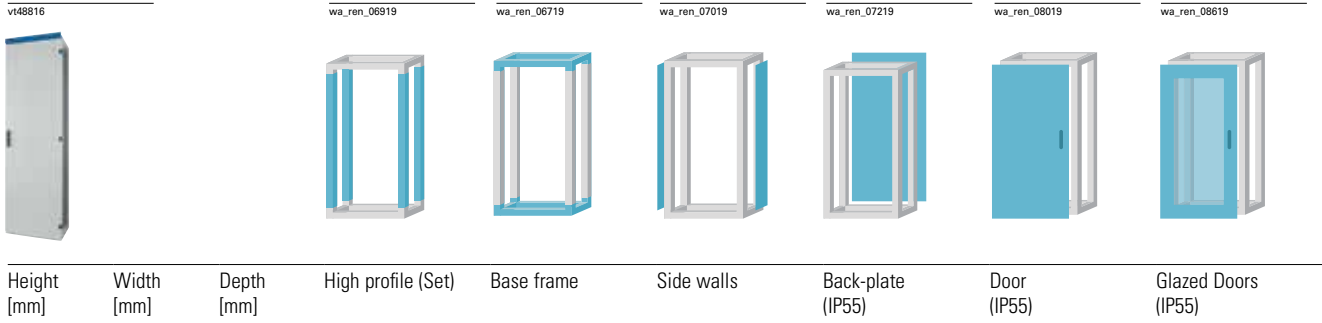
XLST4853 196139	XLST5853 143390	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315
XLST4854 196149	XLST5854 143391			XLSPH1854 143303	XLSPH2854 143316
XLST4856 182501	XLST5856 143393			XLSPH1856 143305	XLSPH2856 143318
XLST4858 182502	XLST5858 143394			XLSPH1858 143306	XLSPH2858 143319
XLST4103 196140	XLST5103 114683	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLST4104 196150	XLST5104 284310			XLSPH1104 283831	XLSPH2104 283845
XSPTV4-W1000D600 183191	XSPTC1006 284311			XAP011006 283832	XAP021006 283846
XSPTV4-W1000D800 183195	XSPTC1008 284312			XAP011008 283833	XAP021008 283847
XLST4113 196141	XLST5113 143395	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLST4114 196151	XLST5114 143396			XLSPH1114 143308	XLSPH2114 143321
XSPTV4-W1100D600 182493	XSPTC1106 143398			XAP011106 143310	XAP021106 143323
XSPTV4-W1100D800 182494	XSPTC1108 133004			XAP011108 133012	XAP021108 133014
XLST4123 196142	XLST5123 114685	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLST4124 196152	XLST5124 284313			XLSPH1124 119698	XLSPH2124 119699
XSPTV4-W1200D600 182495	XSPTC1206 284314			XAP011206 283834	XAP021206 283848
XSPTV4-W1200D800 182496	XSPTC1208 284315			XAP011208 283835	XAP021208 283849
XLST41353 196143	XLST51353 143399	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLST41354 196153	XLST51354 143400			XLSPH11354 143312	XLSPH21354 143325
XSPTV4-W1350D600 182497	XSPTC13506 143402			XAP0113506 143314	XAP0213506 143327
XSPTV4-W1350D800 182498	XSPTC13508 133005			XAP0113508 133013	XAP0213508 133015

1.4.3

xEnergy Light Distribution Boards

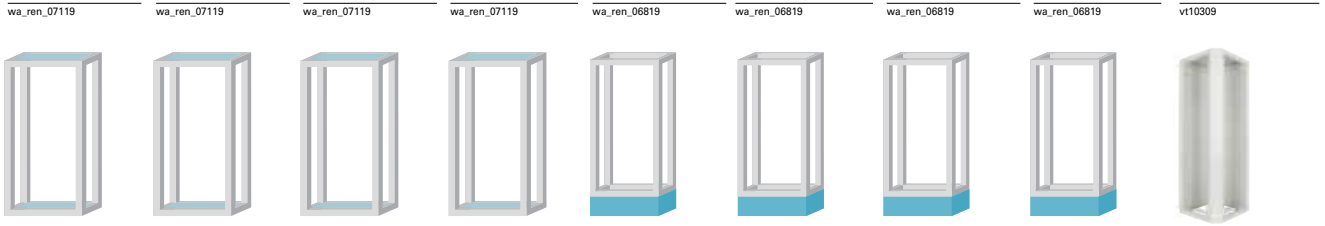
2000 mm height, IP55

**xEnergy
Light**



2000 mm height, IP55

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)
2000	300	300	XSFH20 284245	XLB303 193059	XLSS203 114720	XLSR5203 196038	XSDMC2003 177086	—
		400		XLB0304 193060	XAW2004 283856			
		600		XSFB0306 177083	XAW2006 283857			
		800		XSFB0308 193061	XAW2008 283858			
	425	300		XLB0403 132926	XLSS203 114720	XSWC2004 284355	XSDMC2004 284198	XSDMD2004 284203
		400		XLB0404 284231	XAW2004 283856			
		600		XSFB0406 284232	XAW2006 283857			
		800		XSFB0408 284233	XAW2008 283858			
	600	300		XLB0603 132928	XLSS203 114720	XSWC2006 284356	XSDMC2006 284199	XSDMD2006 284204
		400		XLB0604 284234	XAW2004 283856			
		600		XSFB0606 284235	XAW2006 283857			
		800		XSFB0608 284236	XAW2008 283858			
650	300		XLSS183 114719	XLSS203 114720	XLSR52065 174289	XLSD5S2065 174307	XLSD5GS2065 174300	
	400		XLSS184 114723	XAW2004 283856				
	600		XLSS186 114730	XAW2006 283857				
800	300		XLB0803 132930	XLSS203 114720	XSWC2008 284357	XSDMC2008 284200	XSDMD2008 284701	
	400		XLB0804 284237	XAW2004 283856				
	600		XSFB0806 284238	XAW2006 283857				
	800		XSFB0808 284239	XAW2008 283858				



wa_ren_07119	wa_ren_07119	wa_ren_07119	wa_ren_07119	wa_ren_06819	wa_ren_06819	wa_ren_06819	wa_ren_06819	v110309
top plate bottom plate closed, material = sheet steel/ powder coated/ thickness = 1,25 mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness= 1,25 mm, (IP55)	Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized thickness= 2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness=5 mm, (IP55), with rubber sealing	Plinth for cubicles until 300kg 100 mm height front panels/ closed	Plinth < for cubicles until 300kg 200 mm height front panels/ closed	Plinth < for cubicles until 300kg 100 mm height incl. screw material	Plinth > for cubicles until 300kg 200 mm height incl. screw material	corner frame Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates

scope of delivery: one piece scope of delivery: one piece

unit: 1pcs

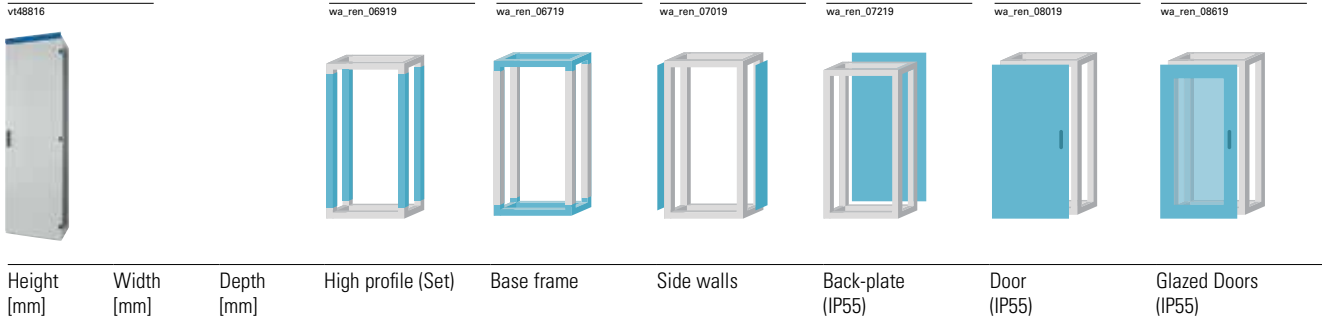
XLST533 193068	XLST5F33 -	-	XLST5A33 193026	-	-	-	-	XLC2033 187935
XLST534 193069	XLST5F34 -	-	XLST5A34 193036	-	-	-	-	XLC2044 114795
XSPTC0306 177085	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-	-	XSC200606 286388
XSPTC0308 193070	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-	-	XSC200808 288867
XLST543 114677	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XSPL1F4 114625	XSPL2F4 114630	XLSPH143 116534	XLSPH243 116544	XLC2033 187935
XLST544 284301	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	XLSPH144 283822	XLSPH244 283836	XLC2044 114795
XSPTC0406 284302	XSPTF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	XAP010406 283823	XLSPH246 143326	XSC200606 286388
XSPTC0408 284303	XSPTF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	XAP010408 283824	XAP020408 283838	XSC200808 288867
XLST563 114679	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XSPL1F6 114626	XSPL2F6 114631	XLSPH163 116535	XLSPH263 116545	XLC2033 187935
XLST564 284304	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	XLSPH164 283825	XLSPH264 283839	XLC2044 114795
XSPTC0606 284305	XSPTF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	XAP010606 283826	XAP020406 283837	XSC200606 286388
XSPTC0608 284306	XSPTF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	XAP010608 283827	XAP020608 283841	XSC200808 288867
XLST5653 174272	XLST5F653 174275	-	XLST5A653 193029	XSPL1F65 174318	-	XLSPH1653 174311	-	XLC2033 187935
XLST5654 174273	XLST5F654 174276	-	XLST5A654 193039	-	-	XLSPH1654 174312	-	XLC2044 114795
XLST5656 174274	XLST5F656 174277	-	XLST5A656 193048	-	-	XLSPH1656 174313	XAP020606 283840	XSC200606 286388
XLST583 114681	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XSPL1F8 114627	XSPL2F8 114632	XLSPH183 116536	XLSPH283 116546	XLC2033 187935
XLST584 284307	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	XLSPH184 283828	XLSPH284 283842	XLC2044 114795
XSPTC0806 284308	XSPTF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	XAP010806 283829	XAP020806 283843	XSC200606 286388
XSPTC0808 284309	XSPTF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	XAP010808 283830	XAP020808 283844	XSC200808 288867

1.4.3

xEnergy Light Distribution Boards

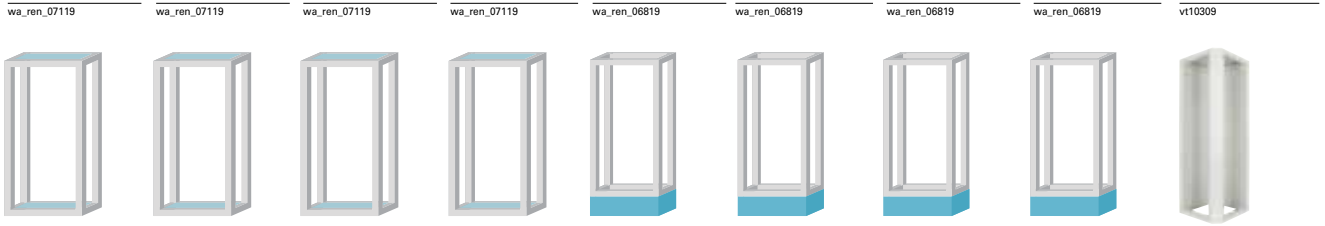
2000 mm height, IP55

**xEnergy
Light**



2000 mm height, IP55

Height [mm]	Width [mm]	Depth [mm]	High profile (Set)	Base frame	Side walls	Back-plate (IP55)	Door (IP55)	Glazed Doors (IP55)		
2000	850	300	XSFH20 284245	XLB08503 143342	XLSS203 114720	XLSR52085 143416	XLSD5S2085 143330	XLSD5GS2085 143333		
		400		XLB08504 143343	XAW2004 283856					
		600		XSFB08506 143345	XAW2006 283857					
		800		XSFB08508 143346	XAW2008 283858					
	1000	300		XLB1003 132932	XLSS203 114720	XSWC2010 284358	XSDMC2010 284201	XSDMD2010-S 143334		
		400		XLB1004 284240	XAW2004 283856				single wing	double wing
		600		XSFB1006 284241	XAW2006 283857				XSDMC2010-S 132952	
		800		XSFB1008 284242	XAW2008 283858				double wing	
	1100	300		XLB1103 143347	XLSS203 114720	XSWC2011 133000	XSDMC2011-S 143331	XSDMD2011-S 143335		
		400		XLB1104 143348	XAW2004 283856				double wing	double wing
		600		XSFB1106 143350	XAW2006 283857					
		800		XSFB1108 132991	XAW2008 283858					
1200	300		XLB1203 132934	XLSS203 114720	XSWC2012 284359	XSDMC2012-S 284202	XSDMD2012-S 143336			
	400		XLB1204 132935	XAW2004 283856				double wing	double wing	
	600		XSFB1206 284243	XAW2006 283857						
	800		XSFB1208 284244	XAW2008 283858						
1350	300		XLB13503 143351	XLSS203 114720	XSWC20135 133001	XSDMC20135-S 143332	XSDMD20135-S 143337			
	400		XLB13504 143352	XAW2004 283856				double wing	double wing	
	600		XSFB13506 143354	XAW2006 283857						
	800		XSFB13508 132992	XAW2008 283858						



top plate bottom plate closed, material = sheet steel/ powder coated/ thickness = ,25 mm, (IP55), with rubber sealing	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness= 1,25 mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, material sheet steel/ galvanized steel/ thickness= 2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium (IP55), (unpainted),with rubber sealing	Plinth for cubicles until 300kg 100 mm height front panels/ closed	Plinth < for cubicles until 300kg 200 mm height front panels/ closed	Plinth < for cubicles until 300kg 100 mm height incl. screw material	Plinth > for cubicles until 300kg 200 mm height incl. screw material	corner frame Material = sheet steel/ powder coated/ corner section, for setting up a section around the corner includes back and top plates
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scope of delivery: one piece scope of delivery: one piece

unit: 1pcs

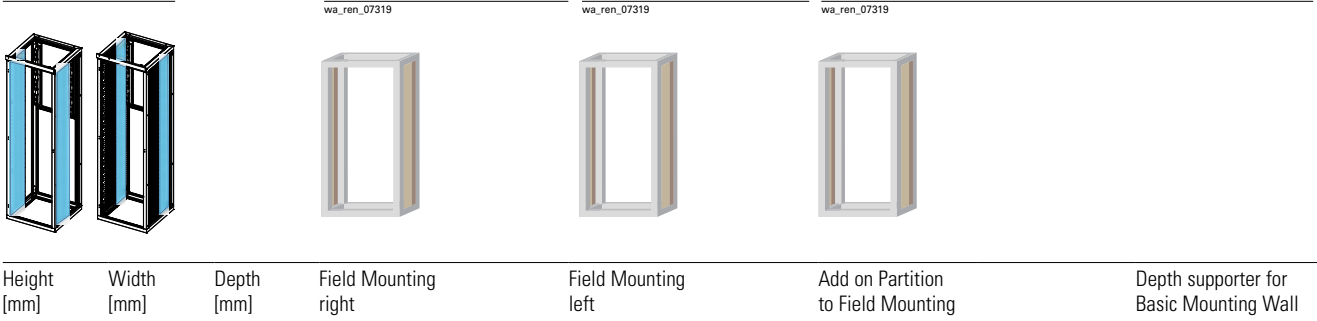
XLST5853 143390	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XSPL1F85 143276	XSPL2F85 143279	XLSPH1853 143302	XLSPH2853 143315	XLC2033 187935
XLST5854 143391	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041			XLSPH1854 143303	XLSPH2854 143316	XLC2044 114795
XLST5856 143393	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049			XLSPH1856 143305	XLSPH2856 143318	XSC200606 286388
XLST5858 143394	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055			XLSPH1858 143306	XLSPH2858 143319	XSC200808 288867
XLST5103 114683	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XSPL1F10 114628	XSPL2F10 114633	XLSPH1103 116537	XLSPH2103 116547	XLC2033 187935
XLST5104 284310	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042			XLSPH1104 283831	XLSPH2104 283845	XLC2044 114795
XSPTC1006 284311	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077			XAP011006 283832	XAP021006 283846	XSC200606 286388
XSPTC1008 284312	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081			XAP011008 283833	XAP021008 283847	XSC200808 288867
XLST5113 143395	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XSPL1F11 143274	XSPL2F11 143277	XLSPH1113 143307	XLSPH2113 143320	XLC2033 187935
XLST5114 143396	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043			XLSPH1114 143308	XLSPH2114 143321	XLC2044 114795
XSPTC1106 143398	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050			XAP011106 143310	XAP021106 143323	XSC200606 286388
XSPTC1108 133004	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056			XAP011108 133012	XAP021108 133014	XSC200808 288867
XLST5123 114685	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XSPL1F12 114629	XSPL2F12 114634	XLSPH1123 116538	XLSPH2123 116548	XLC2033 187935
XLST5124 284313	XLST5F124 284328	–	XLST5A124 193044			XLSPH1124 119698	XLSPH2124 119699	XLC2044 114795
XSPTC1206 284314	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051			XAP011206 283834	XAP021206 283848	XSC200606 286388
XSPTC1208 284315	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057			XAP011208 283835	XAP021208 283849	XSC200808 288867
XLST51353 143399	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XSPL1F135 143275	XSPL2F135 143278	XLSPH11353 143311	XLSPH21353 143324	XLC2033 187935
XLST51354 143400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045			XLSPH11354 143312	XLSPH21354 143325	XLC2044 114795
XSPTC13506 143402	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052			XAP0113506 143314	XAP0213506 143327	XSC200606 286388
XSPTC13508 133005	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058			XAP0113508 133013	XAP0213508 133015	XSC200808 288867

1.4.4

xEnergy Light Distribution Boards

xEnergy
Light

Basic Mounting Wall



Basic Mounting Wall 2000 mm height

Height [mm]	Width [mm]	Depth [mm]	Field Mounting right	Field Mounting left	Add on Partition to Field Mounting	Depth supporter for Basic Mounting Wall	
2000	300	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222
	425	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222
	600	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222
	650	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
	800	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
600				2 pcs	XLPF20 196219	XLASRD6S 196221	
800				4 pcs	XLPF20 196219	XLASRD8S 196222	

wa_ren_07419



Mounting profile - height
vertical profile in section height (assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

wa_ren_07419



Mounting profile - depth
profile in section depth
needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place.
if two bus bars in place (top and bottom) two bars are required
incl. screw material

wa_ren_07419



Mounting profile - width
vertical profile in section height (assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

XLASRH20
196186

XLASRD4S
196220

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRD6S
196221

XLASRD4S
196220

XLASRD6S
196221

XLASRD8S
196222

XLASRW4
196204

XLASRW6
196205

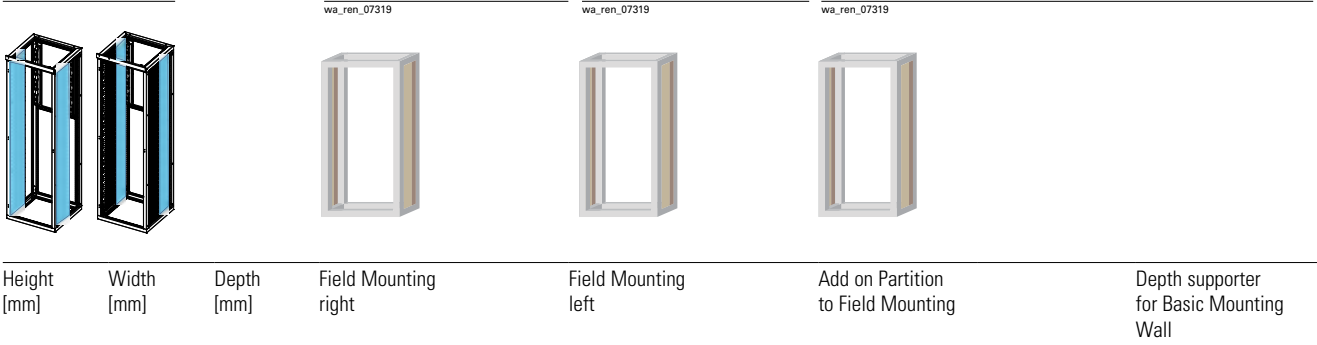
XLASRW8
196206

1.4.4

xEnergy Light Distribution Boards

xEnergy
Light

Basic Mounting Wall



Basic Mounting Wall 2000 mm height

2000	850	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222
1000	850	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222
1100	850	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222
1200	850	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222
1350	850	400	XLFFR20 196215	XLFFL20 196859	–	XLASRD4S 196220	
		600			2 pcs	XLPF20 196219	XLASRD6S 196221
		800			4 pcs	XLPF20 196219	XLASRD8S 196222

wa_ren_07419



Mounting profile - height
vertical profile in section height (assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

wa_ren_07419



Mounting profile - depth
profile in section depth
needed in combination with field mounting Kit (XLFF1.) when bus bar top is in place.
if two bus bars in place (top and bottom) two bars are required
incl. screw material

wa_ren_07419



Mounting profile - width
vertical profile in section height (assembling area)
for bus bar top assemblies the vertical bar needs to be combined with an horizontal bar (XLASRD.S), so a reduction of 200 mm is possible, or in case of two bus bars (top and bottom) the full height needs to be reduced for 400 mm.

XLASRH20
196186

XLASRD4S
196220

XLASRW85
196207

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW10
196208

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW11
196209

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW12
196210

XLASRD6S
196221

XLASRD8S
196222

XLASRD4S
196220

XLASRW135
196211

XLASRD6S
196221

XLASRD8S
196222

1.4.4

xEnergy Light Distribution Boards

Plates & Plinths

vt00613



wa_ren_07119



wa_ren_07119



wa_ren_07119



wa_ren_07919



wa_ren_07919



wa_ren_07919



wa_ren_07919



Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25 mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, sheet steel/ galvanized thickness = 2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium thickness= 5 mm, (IP55), (unpainted),with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = IP20, incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness=1,5 mm, max. achivable degree of protection = (IP20), incl. screw material
						strip depth 35 mm	strip depth 110 mm	strip depth 60-75 mm	strip depth 90-105 mm
2000	300	300	XLST5F33 -	-	XLST5A33 193026	-	-	-	-
		400	XLST5F34 -	-	XLST5A34 193036	-	-	-	-
		600	XLST5F36 196170	-	XSPBU0306A 193046	-	-	-	-
		800	XLST5F38 196171	-	XSPBU0308A 193053	-	-	-	-
425	300	300	XLST5F43 114687	XLST5S43 188023	XLST5A43 193027	XLST2J4A 107687	XLST2J4B 107692	XLST2J4C 107679	XLST2J4D 115237
		400	XLST5F44 284316	XLST5S44 119910	XLST5A44 193037	-	-	-	-
		600	XSPBF0406 284317	XSPBU0406 119914	XSPBU0406A 193047	-	-	-	-
		800	XSPBF0408 284318	XSPBU0408 119919	XSPBU0408A 178078	-	-	-	-
600	300	300	XLST5F63 114689	XLST5S63 188024	XLST5A63 193028	XLST2J6A 107688	XLST2J6B 107693	XLST2J6C 107680	XLST2J6D 115238
		400	XLST5F64 284319	XLST5S64 119911	XLST5A64 193038	-	-	-	-
		600	XSPBF0606 284320	XSPBU0606 119915	XSPBU0606A 178075	-	-	-	-
		800	XSPBF0608 284321	XSPBU0608 119920	XSPBU0608A 178079	-	-	-	-
650	300	300	XLST5F653 174275	-	XLST5A653 193029	-	-	-	-
		400	XLST5F654 174276	-	XLST5A654 193039	-	-	-	-
		600	XLST5F656 174277	-	XLST5A656 193048	-	-	-	-
800	300	300	XLST5F83 114691	XLST5S83 188025	XLST5A83 193030	XLST2J8A 107689	XLST2J8B 107694	XLST2J8C 107681	XLST2J8D 115239
		400	XLST5F84 284322	XLST5S84 119912	XLST5A84 193040	-	-	-	-
		600	XSPBF0806 284323	XSPBU0806 119916	XSPBU0806A 178076	-	-	-	-
		800	XSPBF0808 284324	XSPBU0808 119921	XSPBU0808A 178080	-	-	-	-

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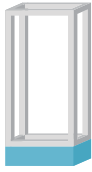
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Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
---	---	--	--	--	--	--	--

scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one piece	scope of delivery: one piece		
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	–	–	–	–
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			–	–
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			–	–
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			–	–
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F4 114625	XL SPL2F4 114630	XL SPH143 116534	XL SPH243 116544
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH144 283822	XL SPH244 283836
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010406 283823	XL SPH246 143326
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010408 283824	XAP020408 283838
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F6 114626	XL SPL2F6 114631	XL SPH163 116535	XL SPH263 116545
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH164 283825	XL SPH264 283839
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010606 283826	XAP020406 283837
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010608 283827	XAP020608 283841
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F65 174318	–	XL SPH1653 174311	–
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH1654 174312	–
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XL SPH1656 174313	XAP020606 283840
XL SPL1SC3 114605	XL SPL2SC3 114610	XL SPL1S03 114615	XL SPL2S03 114620	XL SPL1F8 114627	XL SPL2F8 114632	XL SPH183 116536	XL SPH283 116546
XL SPL1SC4 114606	XL SPL2SC4 114611	XL SPL1S04 114616	XL SPL2S04 114621			XL SPH184 283828	XL SPH284 283842
XL SPL1SC6 114608	XL SPL2SC6 114613	XL SPL1S06 114618	XL SPL2S06 114623			XAP010806 283829	XAP020806 283843
XL SPL1SC8 114609	XL SPL2SC8 114614	XL SPL1S08 114619	XL SPL2S08 114624			XAP010808 283830	XAP020808 283844

1.4.4

xEnergy Light Distribution Boards

xEnergy
Light

Plates & Plinths

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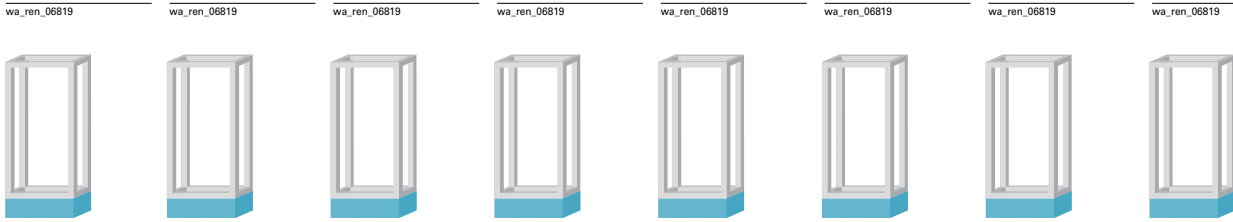
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Height [mm]	Width [mm]	Depth [mm]	top plate bottom plate with cut outs for flanges (F3A) with rubber sealing material = sheet steel/ thickness = 1,25 mm, (IP55)	top plate bottom plate Galvanized top plate/ bottom plate flat/ closed, sheet steel/ galvanized thickness = 2,5 mm, (IP55), with rubber sealing	top plate bottom plate flat/ closed, material = Aluminium (IP55), (unpainted), with rubber sealing	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material	adjustable top/ bottom cable entry strips adjustable flange strips without sealing/rubber foam, powder coated/ material thickness = 1,5 mm, max. achivable degree of protection = (IP20), incl. screw material
						strip depth 35 mm	strip depth 110 mm	strip depth 60-75 mm	strip depth 90-105 mm
2000	850	300	XLST5F853 143403	XLST5S853 143213	XLST5A853 193031	XLST2J85A 143358	XLST2J85B 143359	XLST2J85C 143355	XLST2J85D 143233
		400	XLST5F854 143404	XLST5S854 143214	XLST5A854 193041				
		600	XLST5F856 143406	XLST5S856 143216	XLST5A856 193049				
		800	XLST5F858 143407	XLST5S858 143217	XLST5A858 193055				
1000		300	XLST5F103 114693	XLST5S103 188026	XLST5A103 193032	XLST2J10A 107690	XLST2J10B 107695	XLST2J10C 107682	XLST2J10D 115240
		400	XLST5F104 284325	XLST5S104 119913	XLST5A104 193042				
		600	XSPTF1006 284326	XSPBU1006 119917	XSPBU1006A 178077				
		800	XSPTF1008 284327	XSPBU1008 119922	XSPBU1008A 178081				
1100		300	XLST5F113 143408	XLST5S113 143218	XLST5A113 193033	XLST2J11A 143360	XLST2J11B 143361	XLST2J11C 143356	XLST2J11D 143231
		400	XLST5F114 143409	XLST5S114 143219	XLST5A114 193043				
		600	XSPTF1106 143411	XSPBU1106 143221	XSPBU1106A 193050				
		800	XSPTF1108 133006	XSPBU1108 143222	XSPBU1108A 193056				
1200		300	XLST5F123 114695	XLST5S123 187912	XLST5A123 193034	XLST2J12A 107691	XLST2J12B 107696	XLST2J12C 107683	XLST2J12D 115241
		400	XLST5F124 284328	–	XLST5A124 193044				
		600	XSPTF1206 284329	XSPBU1206 119918	XSPBU1206A 193051				
		800	XSPTF1208 284330	XSPBU1208 119923	XSPBU1208A 193057				
1350		300	XLST5F1353 143412	XLST5S1353 143223	XLST5A1353 193035	XLST2J135A 143362	XLST2J135B 143363	XLST2J135C 143357	XLST2J135D 143232
		400	XLST5F1354 143413	XLST5S1354 143224	XLST5A1354 193045				
		600	XSPTF13506 143415	XSPBU13506 143226	XSPBU13506A 193052				
		800	XSPTF13508 133007	XSPBU13508 143227	XSPBU13508A 193058				



Plinth for cubicles until < 300kg 100 mm height side panels/ closed	Plinth for cubicles until < 300kg 200 mm height side panels/ closed	Plinth for cubicles until < 300kg 100 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 200 mm height side panels/ with cutouts	Plinth for cubicles until < 300kg 100 mm height front panels/ closed	Plinth for cubicles until < 300kg 200 mm height front panels/ closed	Plinth for cubicles until > 300kg 100 mm height incl. screw material	Plinth for cubicles until > 300kg 200 mm height incl. screw material
---	---	--	--	--	--	--	--

scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one pair	scope of delivery: one piece	scope of delivery: one piece		
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F85 143276	XLSP2F85 143279	XLSPH1853 143302	XLSPH2853 143315
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1854 143303	XLSPH2854 143316
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XLSPH1856 143305	XLSPH2856 143318
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XLSPH1858 143306	XLSPH2858 143319
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F10 114628	XLSP2F10 114633	XLSPH1103 116537	XLSPH2103 116547
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1104 283831	XLSPH2104 283845
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP011006 283832	XAP021006 283846
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP011008 283833	XAP021008 283847
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F11 143274	XLSP2F11 143277	XLSPH1113 143307	XLSPH2113 143320
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1114 143308	XLSPH2114 143321
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP011106 143310	XAP021106 143323
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP011108 133012	XAP021108 133014
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F12 114629	XLSP2F12 114634	XLSPH1123 116538	XLSPH2123 116548
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH1124 119698	XLSPH2124 119699
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP011206 283834	XAP021206 283848
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP011208 283835	XAP021208 283849
XLSP1SC3 114605	XLSP2SC3 114610	XLSP1S03 114615	XLSP2S03 114620	XLSP1F135 143275	XLSP2F135 143278	XLSPH11353 143311	XLSPH21353 143324
XLSP1SC4 114606	XLSP2SC4 114611	XLSP1S04 114616	XLSP2S04 114621			XLSPH11354 143312	XLSPH21354 143325
XLSP1SC6 114608	XLSP2SC6 114613	XLSP1S06 114618	XLSP2S06 114623			XAP0113506 143314	XAP0213506 143327
XLSP1SC8 114609	XLSP2SC8 114614	XLSP1S08 114619	XLSP2S08 114624			XAP0113508 133013	XAP0213508 133015

2.1.1

xEnergy Light Distribution Boards

xEnergy
Light

Bus Bar Systems

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Height [mm]	Width [mm]	Depth [mm]	Horizontal Profile XBB	M-Base Supporter Base Part	M-Bracket 2x20x10	M-Bracket 2x30x10	M-Bracket 2x40x10	M-Bracket 2x50x10
1400-1600-1800-2000	300	400	XBBB03 177082	XLABFB 196187	1000A	1300A	1600A	1600A
		600			3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig
		800			XLABF20 196188	XLABF30 196189	XLABF40 196190	XLABF50 196191
425	425	400	XBBB04 283859	XLABFB 196187	196188	196189	196190	196191
		600						
		800						
600	600	400	XBBB06 283860	XLABFB 196187	196188	196189	196190	196191
		600						
		800						
650	650	400	XBBB065 177319	XLABFB 196187	196188	196189	196190	196191
		600						
800	800	400	XBBB08 283861	XLABFB 196187	196188	196189	196190	196191
		600						
		800						
850	850	400	XBBB085 143187	XLABFB 196187	196188	196189	196190	196191
		600						
		800						
1000	1000	400	XBBB10 283862	XLABFB 196187	196188	196189	196190	196191
		600						
		800						

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Height [mm]	Width [mm]	Depth [mm]	Horizontal Profile XBB	M-Base Supporter Base Part	M-Bracket 2x20x10	M-Bracket 2x30x10	M-Bracket 2x40x10	M-Bracket 2x50x10
1400- 1600- 1800- 2000	1100	400	XBBB11 133098	XLABFB 196187	1000A 3 & 4 polig	1300A 3 & 4 polig	1600A 3 & 4 polig	1600A 3 & 4 polig
		600						
		800						
	1200	400	XBBB12 283863	XLABFB 196187	XLABF20 196188	XLABF30 196189	XLABF40 196190	XLABF50 196191
		600						
		800						
	1350	400	XBBB135 133099	XLABFB 196187	XLABF20 196188	XLABF30 196189	XLABF40 196190	XLABF50 196191
		600						
		800						

2.1.2

xEnergy Light Distribution Boards

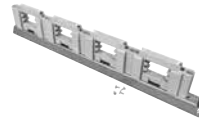
xEnergy
Light

Bus Bar Systems

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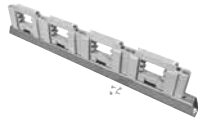


Height [mm]	Width [mm]	Depth [mm]	xE BB Holder 1x40x10	xE BB Holder 1x60x10	xE BB Holder 2x40x10	xE BB Holder 2x60x10
			900A	1300A	1600A	1600A
			3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig
1400- 1600- 1800- 2000	300	400	-	-	-	-
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
425	300	400	-	-	-	-
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
600	300	400	-	-	-	-
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
650	300	400	-	-	-	-
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
800	300	400	-	-	-	-
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
850	300	400	-	-	-	-
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
1000	300	400	-	-	-	-
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				

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Height [mm]	Width [mm]	Depth [mm]	xE BB Holder 1x40x10	xE BB Holder 1x60x10	xE BB Holder 2x40x10	xE BB Holder 2x60x10
			900A	1300A	1600A	1600A
			3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig
1400- 1600- 1800- 2000	1100	400	–	–	–	–
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
1200	1100	400	–	–	–	–
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				
1350	1100	400	–	–	–	–
		600	XBSB164 283865	XBSB204 283867	XBSB164 283865	XBSB204 283867
		800				

2.2.1

xEnergy Light Distribution Boards

**xEnergy
Light**

Bus Bar Systems

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vt_14719



Height [mm]	Width [mm]	Depth [mm]	BBT Holder 2x20x10	BBT Holder 2x30x10	BBT Holder 2x40x10	BBT Holder 2x50x10	BBT Holder 2x60x10
			1200A	1600A	1600A	1600A	1600A
			3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig
1400- 1600- 1800- 2000	300	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
		800					
425	300	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
		800					
600	300	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
		800					
650	300	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
800	300	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
		800					
850	300	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
		800					
1000	300	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
		800					

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Height [mm]	Width [mm]	Depth [mm]	BBT Holder 2x20x10	BBT Holder 2x30x10	BBT Holder 2x40x10	BBT Holder 2x50x10	BBT Holder 2x60x10
			1200A	1600A	1600A	1600A	1600A
			3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig
1400- 1600- 1800- 2000	1100	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
		600					
		800					
	1200	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
600							
800							
	1350	400	XLABT20 196193	XLABT30 196194	XLABT40 196195	XLABT50 196196	XLABT60 196197
600							
800							

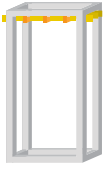
2.2.1

xEnergy Light Distribution Boards

**xEnergy
Light**

Bus Bar Systems

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Height [mm]	Width [mm]	Depth [mm]	xE Ligth BBT Supporter Section depth	xE Ligth BBT Supporter Section width	Fixing Profiles and Cover for BBT
1400-1600-1800-2000	300	400	–	XBBB03 177082	–
		600	XLASRD6 196202		
		800	XLASRD8 196203		
425	400	400	–	XBBB04 283859	XLASRW4 196204
		600	XLASRD6 196202		
		800	XLASRD8 196203		
600	400	400	–	XBBB06 283860	XLASRW6 196205
		600	XLASRD6 196202		
		800	XLASRD8 196203		
650	400	400	–	XBBB065 177319	XLASRW65 196855
		600	XLASRD6 196202		
800	400	400	–	XBBB08 283861	XLASRW8 196206
		600	XLASRD6 196202		
		800	XLASRD8 196203		
850	400	400	–	XBBB085 143187	XLASRW85 196207
		600	XLASRD6 196202		
		800	XLASRD8 196203		
1000	400	400	–	XBBB10 177082	XLASRW10 196208
		600	XLASRD6 196202		
		800	XLASRD8 196203		

size of the BusBar area is 200 mm

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Height [mm]	Width [mm]	Depth [mm]	xE Ligth BBT Supporter Section depth	xE Ligth BBT Supporter Section width	Fixing Profiles and Cover for BBT
-------------	------------	------------	--------------------------------------	--------------------------------------	-----------------------------------

size of the BusBar area is 200 mm

1400-1600-1800-2000	1100	400	–	XBBB12 283863	XLASRW11 196209
		600	XLASRD6 196202		
		800	XLASRD8 196203		
1200	1100	400	–	XBBB11 133098	XLASRW12 196210
		600	XLASRD6 196202		
		800	XLASRD8 196203		
1350	1100	400	–	XBBB135 133099	XLASRW4 196211
		600	XLASRD6 196202		
		800	XLASRD8 196203		

2.3

xEnergy Light Distribution Boards

Bus Bar Systems

**xEnergy
Light**

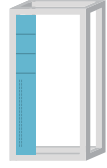
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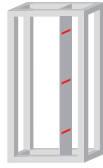


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Height [mm]	Width [mm]	Depth [mm]	DBB Holder 2x20x10 Dropper BusBar	DBB Holder 2x30x10 Dropper BusBar	DBB Holder 2x40x10 Dropper BusBar	DBB Holder 2x50x10 Dropper BusBar	DBB Holder 2x60x10 Dropper BusBar	DBB Cooper Supporter Endplate for all Dropper BusBar dimension	Dropper BusBar Frontcover
			1200A	1600A	1600A	1600A	1600A		size of the BusBar area is 200 mm
			3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	
1400-1600-1800-2000	300	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							
425	400	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							
600	400	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							
650	400	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
800	400	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							
850	400	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							
1000	400	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							

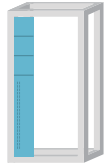
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wa_ren_08419



wa_ren_07819



Height [mm]	Width [mm]	Depth [mm]	DBB Holder 2x20x10 Dropper BusBar	DBB Holder 2x30x10 Dropper BusBar	DBB Holder 2x40x10 Dropper BusBar	DBB Holder 2x50x10 Dropper BusBar	DBB Holder 2x60x10 Dropper BusBar	DBB Cooper Supporter Endplate for all Dropper BusBar dimension	Dropper BusBar Frontcover
			1200A	1600A	1600A	1600A	1600A		size of the BusBar area is 200 mm
			3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	3 & 4 polig	
1400-1600-1800-2000	1100	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							
1200	1200	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							
1350	1350	400	XLAD20 196427	XLAD30 196428	XLAD40 196429	XLAD50 196430	XLAD60 196431	XLADE 196425	XLFGV220 196419
		600							
		800							

2.4

xEnergy Light Distribution Boards

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Bus Bar Systems

vt_19119



Height [mm]	Width [mm]	Depth [mm]	N Supporter flexible and rotatable adjustable		Insulated Shutter to N BBT	PE Supporter flexible and rotatable adjustable	
			vertical	horizontal		vertical	horizontal
1400- 1600- 1800- 2000	300	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				
425	400	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				
600	400	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				
650	400	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
800	400	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				
850	400	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				
1000	400	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				

vt_19119



Height [mm]	Width [mm]	Depth [mm]	N Supporter flexible and rotatable adjustable		Insulated Shutter to N BBT	PE Supporter flexible and rotatable adjustable	
			vertical	horizontal		vertical	horizontal
1400- 1600- 1800- 2000	1100	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				
	1200	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				
	1350	400	XLSVN 196883	XLSHN 196887	XLSBST 196886	XLSVPE 196885	XLSHPE 196888
		600	XLSVPE 196884				
		800	end termination				

wa_ren_06519



Cover plate for Air Circuit Breaker

Width [mm]	Height [mm]	IZMX16 3pol fixed	IZMX16 4pol fixed	IZMX16 3Pol+N fixed	IZMX16 3pol withdrawable	IZMX16 4pol withdrawable	IZMX16 3Pol+N withdrawable	IZMX40 3pol fixed	IZMX40 4pol fixed	IZMX40 3Pol+N fixed
400	500	XLMFA16F4 196232	–	–	XLMFA16W4 196235	–	–	–		
600	500	XLMFA16F6 196233			XLMFA16W6 196236			XLMFA40F6 196238		
800	500	XLMFA16F8 196234			XLMFA16W8 196237			XLMFA40F8 196239		

Mounting profiles for Air Circuit Breaker

Width [mm]	Height [mm]	IZMX16 3pol fixed	IZMX16 4pol fixed	IZMX16 3Pol+N fixed	IZMX16 3pol withdrawable	IZMX16 4pol withdrawable	IZMX16 3Pol+N withdrawable	IZMX40 3pol fixed	IZMX40 4pol fixed	IZMX40 3Pol+N fixed
400	500	XLMPMA4 196229			XLMPMA4 196229			XLMPMA4 196229		
600	500	XLMPMA6 196230			XLMPMA6 196230			XLMPMA6 196230		
800	500	XLMPMA8 196231			XLMPMA8 196231			XLMPMA8 196231		

Universal Air Circuit Breaker back partition

Width [mm]	IZMX16 3pol	IZMX16 4pol	IZMX16 3Pol+N	IZMX40 3pol	IZMX40 4pol	IZMX40 3Pol+N	PSL 3pol	PSL 4pol	PSL 3Pol+N
400	XLPA16B4 196258			XLPA16B4 196258			XLPA16B4 196258		
600	XLPA16B6 196259			XLPA16B6 196259			XLPA16B6 196259		
800	XLPA16B8 196260			XLPA16B8 196260			XLPA16B8 196260		

wa_ren_06519



IZMX40 3pol withdrawable	IZMX40 4pol withdrawable	IZMX40 3Pol+N withdrawable	Value Line 3pol fixed	Value Line 4pol fixed	Value Line 3Pol+N fixed	Value Line 3pol withdrawable	Value Line 4pol withdrawable	Value Line 3Pol+N withdrawable
-			-			-		
XLMPFA40W6 196240			XLMPFAV6 196248			XLMPFAVW6 196250		
XLMPFA40W8 196243			XLMPFAV8 196249			XLMPFAVW8 196257		

IZMX40 3pol withdrawable	IZMX40 4pol withdrawable	IZMX40 3Pol+N withdrawable	Value Line 3pol fixed	Value Line 4pol fixed	Value Line 3Pol+N fixed	Value Line 3pol withdrawable	Value Line 4pol withdrawable	Value Line 3Pol+N withdrawable
XLMPMPA4 196229			XLMPMPA4 196229			XLMPMPA4 196229		
XLMPMPA6 196230			XLMPMPA6 196230			XLMPMPA6 196230		
XLMPMPA8 196231			XLMPMPA8 196231			XLMPMPA8 196231		

Breaker	Breaker type	Type	Article No.	Units per Designation package
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Value Line blow-out protection

- Mounting on the back of the breaker.
- Protects the busbars in the event of a short circuit.

vi00620



PSL	fixed 3pol	XLPTVF3	300992	1
PSL	fixed 4pol	XLPTVF4	300993	1
PSL	withdrawable 3pol	XLPTVW3	300995	1
PSL	withdrawable 4pol	XLPTVW4	300996	1

wa_ren_06619



Cover plate for molded case circuit breaker

Width [mm]	Height [mm]	Breakers/ moduls	NZM3 3pol	NZM3 4pol	NZM3 3Pol+N	NZM4 3pol	NZM4 4pol
400	500	single	XLMFN3VF54 196285				–
		double	–				–
400	700	single	–				XLMFN4VF74 196269
		double	–				–
600	500	single	XLMFN3VF56 196290				–
		double	XLMF2N3VF56 196293				–
600	700	single	–				XLMFN4VF76 196270
		double	–				XLMF2N4VF76 196273
800	500	single	XLMFN3VF58 196296				–
		double	XLMF2N3VF58 196297				–
800	700	single	–				XLMFN4VF78 196280
		double	–				XLMF2N4VF78 196283

Mounting profiles for molded case circuit breaker

Width [mm]	Height [mm]	NZM3 3pol	NZM3 4pol	NZM3 3Pol+N	NZM4 3pol	NZM4 4pol
400	700	XLMS3V4 196263				XLMS3V4 196263
600	700	XLMS3V6 196264				XLMS3V6 196264
800	700	XLMS3V8 196265				XLMS3V8 196265

Universal molded case circuit breaker back partition

Width [mm]	Universal Separation NZM3 3pol	Universal Separation NZM3 4pol	Universal Separation NZM3 3Pol+N	Universal Separation NZM4 3pol	Universal Separation NZM4 4pol	Universal Separation NZM4 3Pol+N
400	XLPCR4 196266			XLPCR4 196266		
600	XLPCR6 196267			XLPCR6 196267		
800	XLPCR8 196268			XLPCR8 196268		

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NZM4 3Pol+N	PD3 3pol	PD3 4pol	PD3 3Pol+N	PD4 3pol	PD4 4pol	PD4 3Pol+N
	XLMP3VF54 196304					
	—					
	—				XLMFN4VF74 196269	
	—				—	
	XLMP3VF56 196305				—	
	XLMP2P3VF56 196306				—	
	—				XLMP4VF76 196299	
	—				XLMP2P4VF76 196300	
	XLMP3VF58 196307				—	
	—				—	
	XLMP2P3VF58 196308				XLMP4VF78 196301	
	—				XLMP2P4VF78 196303	

NZM4 3Pol+N	PD4 3pol	PD4 4pol	PD4 3Pol+N
	XLMS3V4 196263		
	XLMS3V6 196264		
	XLMS3V8 196265		

Universal Separation PD3 3pol	Universal Separation PD3 4pol	Universal Separation PD3 3Pol+N	Universal Separation PD4 3pol	Universal Separation PD4 4pol	Universal Separation PD4 3Pol+N
XLPCR4 196266			XLPCR4 196266		
XLPCR6 196267			XLPCR6 196267		
XLPCR8 196268			XLPCR8 196268		

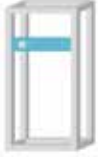
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xEnergy Light Distribution Boards

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xF Section / Feeder Section / Outgoing modules

wa_ren_06419



Width [mm]	Height [mm]	Mounting Profiles for NZM1 / PDE1 3pole	Mounting Profiles for NZM1 / PDE1 4pole	Mounting Profiles for NZM1 / PDE1 3Pol+N	Mounting Profiles for NZM2 / PDE2 3pole	Mounting Profiles for NZM2 / PDE2 4pole	Mounting Profiles for NZM2 / PDE2 3Pol+N
Modules Moduled Case Circuit Breaker							
400	100	XLMMSH14 196383	–	–	–	–	–
	150	XLMMSH154 196386	–	–	–	–	–
	200	–	–	–	XLMMSH24 196389	–	–
	250	–	–	–	XLMMSH254 196392	–	–
600	100	XLMMSH16 196384	–	–	–	–	–
	150	XLMMSH156 196387	–	–	–	–	–
	200	–	–	–	XLMMSH26 196390	–	–
	250	–	–	–	XLMMSH256 196393	–	–
800	100	XLMMSH18 196385	–	–	–	–	–
	150	XLMMSH158 196388	–	–	–	–	–
	200	–	–	–	XLMMSH28 196391	–	–
	250	–	–	–	XLMMSH258 196394	–	–

Width [mm]	Height [mm]	Mounting Profiles for NZM3 / PDE3 3pole	Mounting Profiles for NZM3 / PDE3 4pole	Mounting Profiles for NZM3 / PDE3 3Pol+N
Modules Moduled Case Circuit Breaker				
400	300	XLMMSH34 196395		
	350	XLMMSH354 196398		
	400	XLMMSH44 196401		
	500	XLMMSH54 196404		
600	300	XLMMSH36 196396		
	350	XLMMSH354 196398		
	400	XLMMSH356 196399		
	500	XLMMSH54 196404		
800	300	XLMMSH38 196397		
	350	XLMMSH358 196400		
	400	XLMMSH48 196403		
	500	XLMMSH58 196406		

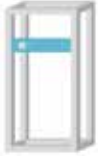
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xEnergy Light Distribution Boards

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Modules Moduled Case Circuit Breaker

wa_ren_06419



Width [mm]	Height [mm]	Cover plate for NZM1 3pole	Cover plate for NZM1 4pole	Cover plate for NZM1 3Pol+N	Cover plate for NZM2 3pole	Cover plate for NZM2 4pole	Cover plate for NZM2 3Pol+N	Cover plate for NZM3 3pole	Cover plate for NZM3 4pole
Modules Moduled Case Circuit Breaker									
400	100	XLFN13HF14 196355	–	–	–	–	–	–	–
	150	XLFN13HF154	XLFN13HF154 196358	XLFN13HF154 196358	XLFN24HF154 196361	–	–	–	–
	200	–	–	–	–	XLFN24HF24 196364	XLFN24HF24 196364	–	–
600	100	XLFN13HF16 196356	–	–	–	–	–	–	–
	150	–	XLFN14HF156 196359	XLFN14HF156 196359	XLFN23HF156 196362	–	–	–	–
	200	–	–	–	–	XLFN24HF26 196365	XLFN24HF26 196365	XLFN33HF26 196869	–
	250	–	–	–	–	–	–	–	XLFN34HF256 196367
800	100	XLFN13HF18 196357	–	–	–	–	–	–	–
	150	–	XLFN14HF158 196360	XLFN14HF158 196360	XLFN23HF158 196363	–	–	–	–
	200	–	–	–	–	XLFN24HF28 196366	XLFN24HF28 196366	XLFN33HF28 196870	–
	250	–	–	–	–	–	–	–	XLFN34HF258 196368

Cover plate for NZM3 3Pol+N	Cover plate for PDE1 3pole	Cover plate for PDE1 4pole	Cover plate for PDE1 3Pol+N	Cover plate for PDE2 3pole	Cover plate for PDE2 4pole	Cover plate for PDE2 3Pol+N	Cover plate for PDE3 3pole	Cover plate for PDE3 4pole	Cover plate for PDE3 3Pol+N
-	XLFP13HF14 196369	-	-	-	-	-	-	-	-
-	-	XLFP14HF154 196372	XLFP14HF154 196372	XLFP23HF154 196375	-	-	-	-	-
-	-	-	-	-	XLFP24HF24 196378	XLFP24HF24 196378	-	-	-
-	XLFP13HF16 196370	-	-	-	-	-	-	-	-
-	-	XLFP14HF156 196373	XLFP14HF156 196373	XLFP23HF156 196376	-	-	-	-	-
-	-	-	-	-	XLFP24HF26 196379	XLFP24HF26 196379	XLMP33HF26 196894	-	-
XLFN34HF256 196367	-	-	-	-	-	-	-	XLFP34HF256 196381	XLFP34HF256 196381
-	XLFP13HF18 196371	-	-	-	-	-	-	-	-
-	-	XLFP14HF158 196374	XLFP14HF158 196374	XLFP23HF158 196377	-	-	-	-	-
-	-	-	-	-	XLFP24HF28 196380	XLFP24HF28 196380	XLMP33HF28 196895	-	-
XLFN34HF258 196368	-	-	-	-	-	-	-	XLFP34HF258 196382	XLFP34HF258 196382

4.3

xEnergy Light Distribution Boards

NH and NZM-adapter Solutions

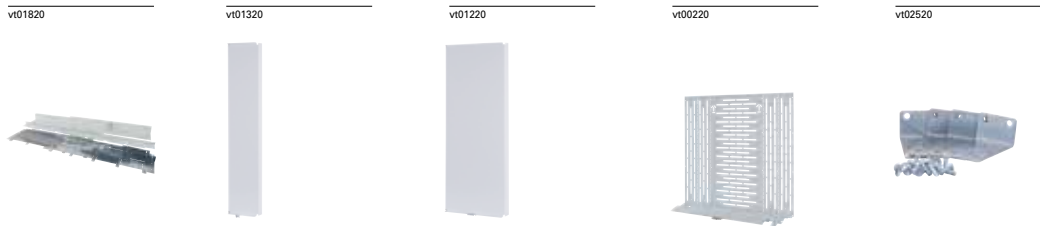
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Depth [mm]	Width [mm]	Fitting kit for NH fuse strips Mounting kit for NH strip-type fuse-switch-disconnectors	NH Empty-space cover fuse strip	NH Empty-space cover fuse strip	NH BusBar Shrouding Kit to cover the BusBars from behind	Mounting brackets for shrouding Kit
		Size 00-3	Size 00	Size 1-3		

Outgoing sections for fuse strips, Main Busbars back (XLABF)

400	600	XLNHA6 300997	XLNHSC00 301036	XLNHSC01 301038	–	–
	800	XLNHA8 300998				
	1000	XLNHA10 300999				
600	600	XLNHA6 300997	XLNHSC00 301036	XLNHSC01 301038	XLNHPS 301209	XLHNPB 301276
	800	XLNHA8 300998				
	1000	XLNHA10 300999				
800	600	XLNHA6 300997	XLNHSC00 301036	XLNHSC01 301038	XLNHPS 301209	XLHNPB 301276
	800	XLNHA8 300998				
	1000	XLNHA10 300999				



Depth [mm]	Width [mm]	Fitting kit for NZM Adapter Mounting kit for NZM 185mm Adapter	NZM Adapter Empty-space cover 150mm	NZM Adapter Empty-space cover 300mm	NZM Adapter BusBar Shrouding Kit to cover the BusBars from behind	Mounting brackets for shrouding Kit
		NZM3 & NZM4	NZM3	NZM4		

185mm NZM Adapter for incomer and outgoer, Main Busbar back (XLABF)

400	600	XLNHNA6 301041	XLNHNC3 301096	XLNHNC4 301116	–	–
	800	XLNHNA8 301045				
	1000	XLNHNA10 301059				
600	600	XLNHNA6 301041	XLNHNC3 301096	XLNHNC4 301116	XLNHNP 301274	XLHNPB 301276
	800	XLNHNA8 301045				
	1000	XLNHNA10 301059				
800	600	XLNHNA6 301041	XLNHNC3 301096	XLNHNC4 301116	XLNHNP 301274	XLHNPB 301276
	800	XLNHNA8 301045				
	1000	XLNHNA10 301059				

Breaker

Type

Article No.

Units per package

Terminal Separation for NZM Adapter

- Adapter Size NZM3 & NZM4

NZM3	XLNHNTN3	301134	1
NZM4	XLNHNTN4	301135	1
NZM4 Connection width extension	XLNHNTN4C	301155	1

Height [mm]	Description	Type Designation	Article No.	Units per package
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SideBySide Covering vertical

- If 2 mounting side walls are built directly next to each other
- Or with a mounting side wall in combination with cable room

wa_vt61813



1400		XLFS14	196421	1
1600		XLFS16	196422	1
1800		XLFS18	196423	1
2000		XLFS20	196424	1

Cable Room cableway Supporter

- To get a cable way in the cable room

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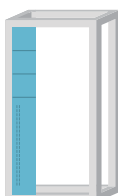


1400		XLACC14	196872	1
1600		XLACC16	196873	1
1800		XLACC18	196874	1
2000		XLACC20	196875	1

Cable Room Frontcover

- Consisting of 1xH1300 and 3xH200 covers
- To cover up the cable Room in two different sizes

wa_ren_07819



1400-2000	cable area is 200mm	XLACF02	196877	1
1400-2000	cable area is 400mm	XLACF04	196878	1

Cable Room Back Wall

- Consisting of 1xH500, 7xH200 Cover and 2 x end pieces
- To separate the cable Room from the BusBar Room

wa_ren_09119



1400-2000	cable area is 200mm	XLACB02	196879	1
1400-2000	cable area is 400mm	XLACB04	196880	1

Cable Room Partition

- To separate the cable Room in different Partitons

wa_ren_09419



1400-2000	cable area is 200mm	XLACP02	196881	1
1400-2000	cable area is 400mm	XLACP04	196882	1

Width (mm)	Description	Type Designation	Article No.	Units per package
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Main Room Front Cover

- To close the free space on the top and button.
- If you take 1 pic. Of the covers you can realize a cable way

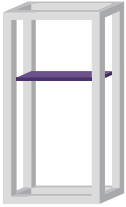
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200		XLFA2	196410	1
400		XLFA4	196411	1
600		XLFA6	196412	1
650		XLFA65	198871	1
800		XLFA8	196413	1
850		XLFA85	196414	1
1000		XLFA10	196415	1
1100		XLFA11	196416	1
1200		XLFA12	196417	1
1350		XLFA135	196418	1

Device Separator

wa_ren_07519



400		XLPUH04	196223	1
600		XLPUH06	196224	1
800		XLPUH08	196225	1

Horizontal Partitions

wa_ren_09319



100	Deep 400	XLGBT41	196852	1
100	Deep 600	XLGBT61	196853	1
100	Deep 800	XLGBT81	196854	1
200	Deep 400	XLGBT42	196198	1
200	Deep 600	XLGBT62	196199	1
200	Deep 800	XLGBT82	196201	1

Device MPL Connector

- Suitable for various support plates

vt24419



	2 pcs	XLAMPC	196889	1
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Device MPL Connector

- Universal plastic conductor enforcement partition self-cutting

wa_vt03612



	269mm x 398mm	XLPCG	196320	
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Height (mm)	Description	Type Designation	Article No.	Units per package
IP2X KIT				
• Required for D400 and W425 as IP2x cover				
1400		XMLMWL14	196906	1
1600		XMLMWL16	196907	1
1800		XMLMWL18	196908	1
2000		XMLMWL20	196909	1

Fixing Brackets

- To fix different mounting plates and equipment

vt24419



	2 pcs	XLMMGFB	196890	2
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Pan Head screw M5

- To fix the Device Separator and the Main Room Front Cover

	100 pcs	XLAPAN5	196892	100
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Frame connection Covering mounting plate

- To fulfill the IP2X when you have some cutouts

		XLAFC	196893	8
--	--	--------------	--------	---

Durostone Bracket

- Fixing Brackets for Durostone Supporter

vt15319



		XLASAD	196309	10
--	--	---------------	--------	----

Height [mm]	Description	Type Designation	Article No.	Units per package
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Profi+ Fixing strip

- To install Profi+ Front Covers in xEnergy Light

vt14619

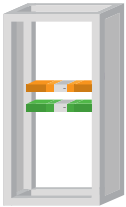


1000	in H2000 divided into 2 pieces with 1000mm length	XLFP	196426	1
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Module Conductor Covering

- Consisting of a part individually shortened

wa_ren_08719



NZM1/ PD1	3pol	XLPTM13	196310	1
	4pol	XLPTM14	196314	1
NZM2/ PD2	3pol	XLPTN23	196311	1
	4pol	XLPTN24	196315	1
NZM3	3pol	XLPTN33	196312	1
	4pol	XLPTN34	196316	1
PD3	3pol	XLPTP33	196860	1
	4pol	XLPTP34	196861	1
NZM4/ PD4	3pol	XLPTP43	196313	1
	4pol	XLPTP44	196317	1
NZM3/PD3		XLPTM33	196862	1
Terminal Seperation 3p xP				
NZM3/PD3		XLPTM34	196863	1
Terminal Seperation 4p xP				
NZM4/PD4		XLPTM43	196864	1
Terminal Seperation 3p xP				
NZM4/PD4		XLPTM44	196865	1
Terminal Seperation 4p xP				
Dumeco 1000		XLPTD10	196866	1
Terminal Separation				
Dumeco 400		XLPTD16	196867	1
Terminal Separation				
QSA2 Terminal Separation		XLPT02	196868	1
QSA3 Terminal Separation		XLPT03	196319	1

5.0

xEnergy Light Distribution Boards

**xEnergy
Light**

Accessories for the xEnergy Light system



Width [mm]	Height [mm]	General mounting plate	General front cover closed	General front cover ventilated	General front cover 45mm cut out	DIN-Rail, BPZ-DINR	Mounting Bracket for DIN rail with xEnergy light
General Mounting and Front Plate							
400	50	–	XLMFGC054 196321	XLMFGV054 196354	–	BPZ-DINR24-600 293595	XLAMD 302042
	100	XLMMSH14 196383	XLMFGC14 196322	–	XLMFMD014 196896		
	150	XLMMSH154 196386	XLMFGC154 196323	–	XLMFMD0154 196899		
	200	XLMMSH24 196389	XLMFGC24 196324	–	XLMFMD024 196902		
	250	XLMMSH254 196392	XLMFGC254 196325	–	–		
	300	XLMMSH34 196395	XLMFGC34 196326	XLMFGV34 196327	–		
	350	XLMMSH354 196398	XLMFGC354 196328	–	–		
	400	XLMMSH44 196401	XLMFGC44 196329	–	–		
	500	XLMMSH54 196404	XLMFGC54 196330	–	–		
600	50	–	XLMFGC056 196333	XLMFGV056 196332	–	BPZ-DINR35-800 293596	
	100	XLMMSH16 196384	XLMFGC16 196334	–	XLMFMD016 196897		
	150	XLMMSH156 196387	XLMFGC156 196335	–	XLMFMD0156 196900		
	200	XLMMSH26 196390	XLMFGC26 196336	–	XLMFMD026 196903		
	250	XLMMSH256 196393	XLMFGC256 196337	–	–		
	300	XLMMSH36 196396	XLMFGC36 196338	XLMFGV36 196339	–		
	350	XLMMSH356 196399	XLMFGC356 196340	–	–		
	400	XLMMSH46 196402	XLMFGC46 196341	–	–		
	500	XLMMSH56 196405	XLMFGC56 196342	–	–		



Width [mm]	Height [mm]	General mounting plate	General front cover closed	General front cover ventilated	General front cover 45mm cut out	DIN-Rail, BPZ-DINR	Mounting Bracket for DIN rail with xEnergy light
800	50	–	XLMFGC058 196344	XLMFGV058 196343		BPZ-DINR35-800 293596	
	100	XLMMSH18 196385	XLMFGC18 196345	–	XLMFMD018 196898		
	150	XLMMSH158 196388	XLMFGC158 196346	–	XLMFMD0158 196901		
	200	XLMMSH28 196391	XLMFGC28 196347	–	XLMFMD028 196904		
	250	XLMMSH258 196394	XLMFGC258 196348	–	–		
	300	XLMMSH38 196397	XLMFGC38 196349	XLMFGV38 196350	–		
	350	XLMMSH358 196400	XLMFGC358 196351	–	–		
	400	XLMMSH48 196403	XLMFGC48 196352	–	–		
	500	XLMMSH58 196406	XLMFGC58 196353	–	–		
1000	100	–	XLMFGC0110 301279	–	–		–
	150	–	XLMFGC1510 301280	–	–		
	300	–	–	XLMFGV310 301278	–		
	400	–	XLMFGC410 301281	–	–		
	500	–	XLMFGC510 301282	–	–		

vt48916



XVTL-MP/BF Basic Fragmentary Equipment (IP55) consisting of Frame, Rear Panel, Door and solid Top Cover

- PRE-ASSEMBLED
- Width 1000 and 1200 use double-wing door
- Left-hinged door

Height [mm]	Width [mm]	Depth [mm]		Units per package
1400	600	300	XVTL-MP/BF-6/3/14 114495	1
1600	425	300	XVTL-MP/BF-4/3/16 114496	1
	600	300	XVTL-MP/BF-6/3/16 114497	1
	600	400	XVTL-MP/BF-6/4/16 114498	1
	600	600	XVTL-MP/BF-6/6/16 114499	1
	800	300	XVTL-MP/BF-8/3/16 114500	1
	800	400	XVTL-MP/BF-8/4/16 114501	1
	800	600	XVTL-MP/BF-8/6/16 114502	1
	1000	300	XVTL-MP/BF-10/3/16 114503	1
	1000	400	XVTL-MP/BF-10/4/16 114504	1
	1000	600	XVTL-MP/BF-10/6/16 114505	1
	1200	300	XVTL-MP/BF-12/3/16 114506	1
	1200	400	XVTL-MP/BF-12/4/16 114507	1
	1200	600	XVTL-MP/BF-12/6/16 114508	1
	1800	600	300	XVTL-MP/BF-6/3/18 114509
600		400	XVTL-MP/BF-6/4/18 114510	1
600		600	XVTL-MP/BF-6/6/18 114512	1
800		300	XVTL-MP/BF-8/3/18 114513	1
800		400	XVTL-MP/BF-8/4/18 114514	1
800		600	XVTL-MP/BF-8/6/18 114516	1
1000		300	XVTL-MP/BF-10/3/18 114517	1
1000		400	XVTL-MP/BF-10/4/18 114518	1
1000	600	XVTL-MP/BF-10/6/18 114520	1	

Height [mm]	Width [mm]	Depth [mm]		Units per package
	1200	300	XVTL-MP/BF-12/3/18 114521	1
	1200	400	XVTL-MP/BF-12/4/18 114522	1
	1200	600	XVTL-MP/BF-12/6/18 114524	1
2000	425	300	XVTL-MP/BF-4/3/20 114525	1
	425	400	XVTL-MP/BF-4/4/20 114526	1
	425	600	XVTL-MP/BF-4/6/20 114528	1
	425	800	XVTL-MP/BF-4/8/20 114529	1
	600	300	XVTL-MP/BF-6/3/20 114530	1
	600	400	XVTL-MP/BF-6/4/20 114531	1
	600	600	XVTL-MP/BF-6/6/20 114533	1
	600	800	XVTL-MP/BF-6/8/20 114534	1
	800	300	XVTL-MP/BF-8/3/20 114535	1
	800	400	XVTL-MP/BF-8/4/20 114536	1
	800	600	XVTL-MP/BF-8/6/20 114538	1
	800	800	XVTL-MP/BF-8/8/20 114539	1
	1000	300	XVTL-MP/BF-10/3/20 114540	1
	1000	400	XVTL-MP/BF-10/4/20 114541	1
	1000	600	XVTL-MP/BF-10/6/20 114543	1
	1000	800	XVTL-MP/BF-10/8/20 114544	1
	1200	300	XVTL-MP/BF-12/3/20 114545	1
	1200	400	XVTL-MP/BF-12/4/20 114546	1
	1200	600	XVTL-MP/BF-12/6/20 114548	1
	1200	800	XVTL-MP/BF-12/8/20 114549	1

5.1

xEnergy Light Distribution Boards

xEnergy
Light

IP55, pre-assembled Enclosures

v148916



XVTL-MP/BX/IC Basic Fragmentary Equipment consisting of Frame, Rear Panel, Door and Top Cover, Mounting Plates 3 mm + set of angles

- PRE-ASSEMBLED

- Delivered with fl at door

- Width 1000 and 1200 use double-wing door

- Left-hinged door

Height [mm]	Width [mm]	Depth [mm]		Units per package
1400	600	300	XVTL-MP/BX/IC-6/3/14 114550	1
1600	425	300	XVTL-MP/BX/IC-4/3/16 114551	1
	600	300	XVTL-MP/BX/IC-6/3/16 114552	1
	600	400	XVTL-MP/BX/IC-6/4/16 114553	1
	600	600	XVTL-MP/BX/IC-6/6/16 114554	1
	800	300	XVTL-MP/BX/IC-8/3/16 114555	1
	800	400	XVTL-MP/BX/IC-8/4/16 114556	1
	800	600	XVTL-MP/BX/IC-8/6/16 114557	1
	1000	300	XVTL-MP/BX/IC-10/3/16 114558	1
	1000	400	XVTL-MP/BX/IC-10/4/16 114559	1
	1000	600	XVTL-MP/BX/IC-10/6/16 114560	1
	1200	300	XVTL-MP/BX/IC-12/3/16 114561	1
	1200	400	XVTL-MP/BX/IC-12/4/16 114562	1
	1200	600	XVTL-MP/BX/IC-12/6/16 114563	1
	1800	600	300	XVTL-MP/BX/IC-6/3/18 114564
600		400	XVTL-MP/BX/IC-6/4/18 114565	1
600		600	XVTL-MP/BX/IC-6/6/18 114567	1
800		300	XVTL-MP/BX/IC-8/3/18 114568	1
800		400	XVTL-MP/BX/IC-8/4/18 114569	1
800		600	XVTL-MP/BX/IC-8/6/18 114571	1
1000		300	XVTL-MP/BX/IC-10/3/18 114572	1
1000		400	XVTL-MP/BX/IC-10/4/18 114573	1
1000	600	XVTL-MP/BX/IC-10/6/18 114575	1	

Height [mm]	Width [mm]	Depth [mm]		Units per package
	1200	300	XVTL-MP/BX/IC-12/3/18 114576	1
	1200	400	XVTL-MP/BX/IC-12/4/18 114577	1
	1200	600	XVTL-MP/BX/IC-12/6/18 114579	1
2000	425	300	XVTL-MP/BX/IC-4/3/20 114580	1
	425	400	XVTL-MP/BX/IC-4/4/20 114581	1
	425	600	XVTL-MP/BX/IC-4/6/20 114583	1
	425	800	XVTL-MP/BX/IC-4/8/20 114584	1
	600	300	XVTL-MP/BX/IC-6/3/20 114585	1
	600	400	XVTL-MP/BX/IC-6/4/20 114586	1
	600	600	XVTL-MP/BX/IC-6/6/20 114588	1
	600	800	XVTL-MP/BX/IC-6/8/20 114589	1
	800	300	XVTL-MP/BX/IC-8/3/20 114590	1
	800	400	XVTL-MP/BX/IC-8/4/20 114591	1
	800	600	XVTL-MP/BX/IC-8/6/20 114593	1
	800	800	XVTL-MP/BX/IC-8/8/20 114594	1
	1000	300	XVTL-MP/BX/IC-10/3/20 114595	1
	1000	400	XVTL-MP/BX/IC-10/4/20 114596	1
	1000	600	XVTL-MP/BX/IC-10/6/20 114598	1
	1000	800	XVTL-MP/BX/IC-10/8/20 114599	1
	1200	300	XVTL-MP/BX/IC-12/3/20 114600	1
	1200	400	XVTL-MP/BX/IC-12/4/20 114601	1
	1200	600	XVTL-MP/BX/IC-12/6/20 114603	1
	1200	800	XVTL-MP/BX/IC-12/8/20 114604	1

5.1

xEnergy Light Distribution Boards

xEnergy
Light

IP55, pre-assembled Enclosures, prepared for the installations system EP

v48916



Basic configuration XVTL-MP/BF...-EP (IP55)1) consisting of frame, back plate, door, top plate (prepared for F3A fl ange), base frame to install EP-modules, insulating surround frame.

- Prepared for installation system EP
- PRE-ASSEMBLED
- In width 425, 600, 850, 1100, 1350 mm

- Width 1100 and 1350 mm with double-wing doors
- EP-modules see EP installations system catalogue
- Left-hinged door

Height [mm]	Width [mm]	Depth [mm]		Units per package
1800	425	300	XVTL-MP/BX-4/3/18-EP 300797	1
	425	400	XVTL-MP/BX-4/4/18-EP 300798	1
	425	600	XVTL-MP/BX-4/6/18-EP 300799	1
	600	300	XVTL-MP/BX-6/3/18-EP 300800	1
	600	400	XVTL-MP/BX-6/4/18-EP 300804	1
	600	600	XVTL-MP/BX-6/6/18-EP 300805	1
	850	300	XVTL-MP/BX-85/3/18-EP 300807	1
	850	400	XVTL-MP/BX-85/4/18-EP 300808	1
	850	600	XVTL-MP/BX-85/6/18-EP 300809	1
	1100	300	XVTL-MP/BX-11/3/18-EP 300810	1
	1100	400	XVTL-MP/BX-11/4/18-EP 300811	1
	1100	600	XVTL-MP/BX-11/6/18-EP 300812	1
	1350	300	XVTL-MP/BX-135/3/18-EP 300815	1
	1350	400	XVTL-MP/BX-135/4/18-EP 300816	1
1350	600	XVTL-MP/BX-135/6/18-EP 300817	1	
2000	425	300	XVTL-MP/BX-4/3/20-EP 158087	1
	425	400	XVTL-MP/BX-4/4/20-EP 158088	1
	425	600	XVTL-MP/BX-4/6/20-EP 158090	1
	425	800	XVTL-MP/BX-4/8/20-EP 158091	1
	600	300	XVTL-MP/BX-6/3/20-EP 158092	1
	600	400	XVTL-MP/BX-6/4/20-EP 158093	1
	600	600	XVTL-MP/BX-6/6/20-EP 158095	1
	600	800	XVTL-MP/BX-6/8/20-EP 158096	1

IP55, pre-assembled Enclosures, prepared for the installations system EP

Height [mm]	Width [mm]	Depth [mm]		Units per package
850	300		XVTL-MP/BX-85/3/20-EP 158097	1
850	400		XVTL-MP/BX-85/4/20-EP 158098	1
850	600		XVTL-MP/BX-85/6/20-EP 158100	1
850	800		XVTL-MP/BX-85/8/20-EP 158101	1
1100	300		XVTL-MP/BX-11/3/20-EP 158077	1
1100	400		XVTL-MP/BX-11/4/20-EP 158078	1
1100	600		XVTL-MP/BX-11/6/20-EP 158080	1
1100	800		XVTL-MP/BX-11/8/20-EP 158081	1
1350	300		XVTL-MP/BX-135/3/20-EP 158082	1
1350	400		XVTL-MP/BX-135/4/20-EP 158083	1
1350	600		XVTL-MP/BX-135/6/20-EP 158085	1
1350	800		XVTL-MP/BX-135/8/20-EP 158086	1

For Height (mm) For Depth (mm) Type Article No. Units per Designation package

Set of Cover Frames for EP distribution system – incl. Screws

wa_vt23013



1800	425	XVTL-EP-4/18	300818	1
	600	XVTL-EP-6/18	300819	1
	850	XVTL-EP-85/18	300829	1
	1100	XVTL-EP-11/18	300834	1
	1350	XVTL-EP-135/18	300838	1
2000	425	XVTL-EP-4/20	143246	1
	600	XVTL-EP-6/20	143247	1
	850	XVTL-EP-85/20	143248	1
	1100	XVTL-EP-11/20	143244	1
	1350	XVTL-EP-135/20	143245	1

For Depth (mm) Enclosure type Type Article No. Units per Designation package

Depth Fitting Set

- For mounting the vertical and horizontal mounting rail type EPTV and type EPTH
- Including mounting accessories
- 1 package = 2 pcs.

vi08210



300	xEnergy Light	XVTL-TE300	143798	1
400	xEnergy Light	XVTL-TE400	143799	1
500	xEnergy Light	XVTL-TE500	143820	1
600	xEnergy, xEnergy Light	XVTL-TE600	143821	1
800	xEnergy, xEnergy Light	XVTL-TE800	143822	1

Depth Mounting Rail

- For mounting the cabinet connectors or the brackets type WEQV, WMPO, EREW

vi09010



300	xEnergy Light	XVTL-TT300	143825	1
400	xEnergy Light	XVTL-TT400	143826	1
500	xEnergy Light	XVTL-TT500	143827	1
600	xEnergy, xEnergy Light	XVTL-TT600	143828	1
800	xEnergy, xEnergy Light	XVTL-TT800	143829	1

Cabinet connector

- Connects the depth mounting rail to the vertical or horizontal mounting rails type EPTV and type EPTH

vi08410



	xEnergy Light	XVTL-SV	143834	1
	xEnergy, xEnergy Light width 425	XVTL-SV425	143836	1

Height (mm) Enclosure type Type Article No. Units per Designation package

Vertical Mounting Profile

- Left and right vertical mounting profile for EP-modules
- Useable for inner construction, if the whole height is used for section use EPTV

vi07810



2000	xEnergy, xEnergy Light	EPTV1800A-XVTL	143797	1
1800	xEnergy Light	EPTV1600A-XVTL	300840	1

System Overview

Power Distribution Blocks (distributor assembly terminal blocks)

- Prepared for reliable and fast connections inside the switchboard
- Installation on modular rail or mounting plate
- screw-terminal connections

1-phase types



3-/4-phase types



4-phase busbar system (easy to connect)

- Connection to the vertical busbar from the back, outgoing distribution in the front
- Installation with special brackets or directly on mounting plate
- For 600 / 800mm wide compartments
- Snap-in connections



Modular busbar system SASY 60i

- 1- up to 5-phase systems realizable
- Prepared mounting kits for horizontal installation
- Vertical integration in separate compartment possible



Outputs L1/L2/L3 / N / Width (mm)

Type
Designation

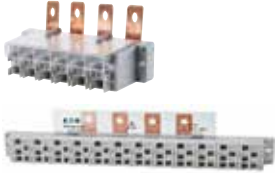
Article No.

Units per
package

4-Phasen Sammelschiene, BPZ-KB-12/250, BPZ-KB-24/250

- Prepared for a quick and easy wiring by means of plug-in contacts
- 63 A max. rated current per outlet

wa_vt04816, wa_vt16514



6 / 12 / 233
12 / 24 / 422

BPZ-KB-12/250
BPZ-KB-24/250

184977 1
289971 1

Mounting elements for 4 phase Busbar, BPZ-KB-24/250

- Suitable for mounting in the 600/800 mm wide compartment (Profi+ installation system)

vt28817



1 pair

BPZ-BR/KB24

102477 1

Colour / Length

Type
Designation

Article No.

Units per
package

Flexible Connector for 4 phase Busbar, BPZ-P

vt18705



6 mm²

black / 120 mm
blue / 120 mm
black / 320 mm
blue / 320 mm

BPZ-P/L-6/120
BPZ-P/N-6/120
BPZ-P/L-6/320
BPZ-P/N-6/320

102692 10
102693 10
102696 10
102697 10

10 mm²

black / 120 mm
blue / 120 mm
black / 320 mm
blue / 320 mm

BPZ-P/L-10/120
BPZ-P/N-10/120
BPZ-P/L-10/320
BPZ-P/N-10/320

102694 10
102695 10
102698 10
102699 10

Cross section (mm²)

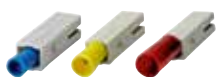
Type
Designation

Article No.

Units per
package

Connector with Insulated Crimp, BPZ-P/C

wa_vt15114, wa_vt15014, wa_vt15214



1.5 - 2.5

BPZ-P/C-1.5/2.5

178396 1

4 - 6

BPZ-P/C-4/6

102700 1

6 - 10

BPZ-P/C-6/10

178397 1

Rated current (A) / Output Terminals

Type
Designation

Article No.

Units per
package

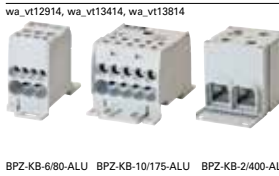
1 pole Terminal Blocks, BPZ-KB

- Mounting onto DIN-rail and mounting plate



80 / 6	BPZ-KB-4/80	289969	1
125 / 6	BPZ-KB-6/125	102714	1
125 / 8	BPZ-KB-2/8/125	178398	1
160 / 6	BPZ-KB-6/160	289970	1
160 / 11	BPZ-KB-2/11/160	178399	1
175 / 10	BPZ-KB-10/175	102715	1
250 / 11	BPZ-KB-11/250	289967	1
400 / 2	BPZ-KB-2/400	178401	1
400 / 6	BPZ-KB-6/400	178400	1
400 / 11	BPZ-KB-11/400	102713	1

- Mounting onto DIN-rail and mounting plate, type aluminium



80 / 6	BPZ-KB-6/80-ALU	102702	1
125 / 6	BPZ-KB-6/125-ALU	102703	1
160 / 6	BPZ-KB-6/160-ALU	102704	1
175 / 1	BPZ-KB-1/175-ALU	102709	1
175 / 10	BPZ-KB-10/175-ALU	102707	1
250 / 11	BPZ-KB-11/250-ALU	102705	1
400 / 1	BPZ-KB-1/400-ALU	102710	1



400 / 2	BPZ-KB-2/400-ALU	178403	1
400 / 6	BPZ-KB-6/400-ALU	178402	1
400 / 11	BPZ-KB-11/400-ALU	102706	1
800 / 2	BPZ-KB-1/2/800-ALU	102712	1
800 / 2	BPZ-KB-2/2/800-ALU	102711	1
1100 / 2	BPZ-KB-2/1100-ALU	178404	1

Dimensions LxWxH (mm) / Suitable for

Type
Designation

Article No.

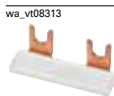
Units per
package

Connection Latch for 1 pole Terminal Block, BPZ-CL



7x65x25 / Art.-No. 289967	BPZ-CL-65/25	102720	10
9x70x30 / Art.-No. 102713	BPZ-CL-70/30	102721	10

Connection Bar 27 mm for 1 pole Terminal Block, BPZ-CB



16x44x14 / Art.-No. 102714	BPZ-CB-44/14	102722	10
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Rated current (A) / Inputs / Outputs

Type
Designation

Article No.

Units per
package

3 pole Terminal Block, BPZ-KB/6/175

Mounting onto DIN-rail and mounting plate, type aluminium

wa_vt13514



175 / 1 / 6

BPZ-KB-6/175

102717

1

Mounting onto DIN-rail and mounting plate, type aluminium

175 / 1 / 6

BPZ-KB-6/175-ALU

102708

1

4 pole Terminal Blocks, BPZ-KB

wa_vt16114



125 / 1x(L1/L2/L3/N) / 7x(L1/L2/L3), 10xN

BPZ-KB-8/125

289968

1

125

BPZ-KB-9/125

102718

1

125

BPZ-KB-13/125

102719

1

wa_vt14314



160 / 1x(L1/L2/L3/N) / 11x(L1/L2/L3/N)

BPZ-KB-11/160

102716

1

Description

Type
Designation

Article No.

Units per
package

Wall mounting Bracket Set, for Floor Standing Board

- For IP30 and IP55 Floor Standing Board
- One set includes 2 wall-mounting angles plus mounting accessories

vt28610



BPZ-WW

142474

1

Description

Type
Designation

Article No.

Units per
package

Wall mounting Bracket Set, for Moisture Proof-Surface Mounting Installation Board

- For IP55 Surface Mounting Boards
- For fixing the enclosures on the wall
- Vertical or horizontal mounting
- Zinc coated steel sheet 3 mm
- One set includes 4 wall-mounting angles plus mounting accessories

vt03010



WFB-SET-CS

112639

1

Max. Rated current (A) / Cross section (mm²) /
Number of connection points

Type
Designation




Article No.

Units per
package

Compact distribution blocks BPZ-KC-...-ALU

Mounting onto DIN-rail

For copper as well as aluminium conductors

	82 / 16 / 1	BPZ-KC-1/16-ALU	195327	10
	82 / 16 / 1	BPZ-KC-1/16N-ALU	195328	10
	82 / 16 / 1	BPZ-KC-1/16PE-ALU	195329	10
	135 / 35 / 1	BPZ-KC-1/35-ALU	195330	10
	135 / 35 / 1	BPZ-KC-1/35N-ALU	195331	10
	135 / 35 / 1	BPZ-KC-1/35PE-ALU	195332	10
	270 / 35 / 2	BPZ-KC-2/35-ALU	195333	10
	270 / 35 / 2	BPZ-KC-2/35N-ALU	195334	10
	270 / 35 / 2	BPZ-KC-2/35PE-ALU	195335	10
	160 / 50 / 1	BPZ-KC-1/50-ALU	195336	10
	160 / 50 / 1	BPZ-KC-1/50N-ALU	195337	10
	160 / 50 / 1	BPZ-KC-1/50PE-ALU	195338	10
	320 / 50 / 2	BPZ-KC-2/50-ALU	195339	10
	320 / 50 / 2	BPZ-KC-2/50N-ALU	195340	10
	320 / 50 / 2	BPZ-KC-2/50PE-ALU	195342	10
	250 / 95 / 1	BPZ-KC-1/95-ALU	195343	10
	250 / 95 / 1	BPZ-KC-1/95N-ALU	195344	10
	250 / 95 / 1	BPZ-KC-1/95PE-ALU	195345	10
	500 / 95 / 2	BPZ-KC-2/95-ALU	195346	10
	500 / 95 / 2	BPZ-KC-2/95N-ALU	195347	10
	500 / 95 / 2	BPZ-KC-2/95PE-ALU	195348	10
	320 / 150 / 1	BPZ-KC-1/150-ALU	195349	10
	320 / 150 / 1	BPZ-KC-1/150N-ALU	195350	10
	320 / 150 / 1	BPZ-KC-1/150PE-ALU	195351	10
	640 / 150 / 2	BPZ-KC-2/150-ALU	195352	5
	640 / 150 / 2	BPZ-KC-2/150N-ALU	195353	5
	640 / 150 / 2	BPZ-KC-2/150PE-ALU	195354	5
	425 / 240 / 1	BPZ-KC-1/240-ALU	195355	3
	425 / 240 / 1	BPZ-KC-1/240N-ALU	195356	3
	425 / 240 / 1	BPZ-KC-1/240PE-ALU	195357	3
	850 / 240 / 2	BPZ-KC-2/240-ALU	195358	3
	850 / 240 / 2	BPZ-KC-2/240N-ALU	195359	3
	850 / 240 / 2	BPZ-KC-2/240PE-ALU	195360	3

Rated current (A) / Inputs / Outputs

Type
Designation

Article No.

Units per
package

Lifting-Eye Bolt, BPZ-LE

vt1698



BPZ-LE

286770

1

Flask with Brush Applicator, BPZ-CPS, PAINT-RAL

vt09405



RAL 7035, 30ml

BPZ-CPS-7035

286771

1

RAL 9016, 30ml

PAINT-RAL9016

288948

1

Cross section (mm²) / Length (mm)

Type
Designation

Article No.

Units per
package

Spray BPZ-SPRAY-7035

vt12208



Spray RAL 7035, 400ml

BPZ-SPRAY-7035

116678

1

Door Grounding Set, BFZ-DES

vt19305



6 / 300

BFZ-DES

101665

1

Fixing Material, EGM, KM-6

wa_vt38713



Fixing cage (set of 100 pieces)

EGM-F

275417

1

Slide nut M4 (set of 100 pieces)

EGM-4

275418

1

Slide nut M5 (set of 100 pieces)

EGM-5

275419

1

Thread / Length (mm)	Type Designation	Article No.	Units per package
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Screws, BPZ-S-...

- M5x12 (standard screw of the board)
- M4x8 (flange plate)

wa_vt10103



M5 / 12	BPZ-S-M5x12	120719	20
M4 / 8	BPZ-S-M4x8	120720	20

Description	Type Designation	Article No.	Units per package
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Locks, 61005

- Type SS-KS-61005: lock and key set 61005
- Number of locks required per door in the technic part!

wa_vt36813



Lock and key set 61005	SS-KS-61005	275422	1
Metal key 61005	MS-61005	275423	1
Plastic key 61005	KS-61005	275424	1

Replacement Clip-down Handle for standard half-cylinder length 40 mm

1-point locking with tongue

vt12108



Clip-down handle Softline short	BPZ-SH	116690	1
Clip-down handle Softline long	BPZ-SH-L-1P	187864	1

3-point locking with rod drive

Clip-down handle Softline long	BPZ-SH-L	131560	1
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Clip-down Handle to retrofit for half-cylinder length 50 mm

vt15418



1-point locking with tongue	BPZ-SH-L-1P/OLU	187865	1
3-point locking with rod	BPZ-SH-L-3P/OLU	187866	1

Description	Type Designation	Article No.	Units per package
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Replacement Hinge, BPZ-MH

- Replacement for all IP43-Enclosures (type BPA-...) and IP55-Enclosures (type BPM-...)
- 1 hinge bracket incl. hinge pin

vt15518



Replacement Hinge	BPZ-MH	166660	1
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Description	Type Designation	Article No.	Units per package
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Locks, BPZ-LOCK

- Replacement part for all enclosures with rotary door lock or dual-bit lock
- Number of locks required per door in the technic part!

For IP30/IP55, Surface-Mounting and Floor-Standing Distribution Boards

vt12010



Dual-bit 3 mm inclusive 1 key	BPZ-LOCK/DBIT3	178405	1
Simultaneous lock cylinder inclusive 2 keys	BPZ-LOCK	102467	1

For IP30, Surface-Mounting and Floor-Standing Distribution Boards, lock SH

vt11808



Lock SH6	BPZ-LOCK/SH6METAL	116913	1
Key SH6	BPZ-KEY/SH6	116674	1

For IP30, Surface-Mounting and Floor-Standing Distribution Boards, lock DH

vt11908



Lock DH	BPZ-LOCK/DHMETAL	116914	1
Key DH	BPZ-KEY/DH	116676	1

Description	Type Designation	Article No.	Units per package
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Profile Half-Cylinder for diverse Handles

- For rotary and clip-down ease-of-use handles
- Lock-cylinder finish according to DIN 18252 and DIN EN 1303
- Profile half-cylinder 10/30 with pin closures made of nickel silver
- 8-fold adjustable lock bit, 5 pairs of pins
- Identical or different locking
- Number of locks required per door in the technic part!

vt33610



1 Key included, keyed alike	PHZ-E10/30-GS	138574	1
3 Keys included, keyed different	PHZ-E10/30-VS	138575	1

Spare Key for Profile Half-Cylinder

- For profile half-cylinder PHZ-E...-GS

vt12510



Identical locking	KEY-E10/30-GS	138576	4
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No. of Photo / Version	Type Designation	Article No.	Units per package
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Lock inserts for mounting in Clip-down handles

wa_nt08913 , vt11608, vt11708



1 7 mm square lock insert	NWS-SHE/4K/7	255306	1
2 8 mm square lock insert	NWS-SHE/4K/8	255307	1
3 7 mm triangular lock insert	NWS-SHE/3K/7	255304	1
4 8 mm triangular lock insert	NWS-SHE/3K/8	255305	1
5 Two-way key bit, 3mm pin	NWS-SHE/DLB/DN3	255309	1
6 Two-way key bit, 5mm pin	NWS-SHE/DLB/DN5	255310	1
7 Daimler-Benz insert	NWS-SHE/DB	255308	1
8 screw driver-type insert	NWS-SHE/SZ	255311	1
9 Lock SH6	BPZ-LOCK/SH6	116673	1
10 Lock DH	BPZ-LOCK/DH	116675	1
- Z-Lock incl. 2 keys	BPZ-LOCK/Z	120766	1

Keys for Lock Inserts

N8299



1 7mm square lock insert	NWS-SL/4K/7	255314	1
2 8mm square lock insert	NWS-SL/4K/8	255315	1
3 7mm triangular lock insert	NWS-SL/3K/7	255312	1
4 8mm triangular lock insert	NWS-SL/3K/8	255313	1
5 Two-way key bit, 3mm pin	NWS-SL/DLB/3	255317	1
6 Two-way key bit, 5mm pin	NWS-SL/DLB/5	255318	1
7 Daimler-Benz	NWS-SL/DB	255316	1
- Key SH6	BPZ-KEY/SH6	116674	1
- Key DH	BPZ-KEY/DH	116676	1

Module units (MU)	Type Designation	Article No.	Units per package
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Inscription strip LAB-BAR

wa_vt14413



13	LAB-BAR_13TE	107884	10
24	LAB-BAR_24TE	107901	10
35	LAB-BAR_35TE	107903	10
46	LAB-BAR_46TE	107906	10
57	LAB-BAR_57TE	107909	10

Length (m)	Type Designation	Article No.	Units per package
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Holder for Inscription strip universal, LAB-BAR

wa_vt14413



1	LAB-BAR_1000	107911	10
3	LAB-BAR_3000	107912	10

Description	Type Designation	Article No.	Units per package
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Accessories Inscription strip LAB

Enclosure leaves for the inscription strips, LAB-TAPE_A4

wa_vt14413



empty	LAB-TAPE_A4_BLANK	107952	10
imprint	LAB-TAPE_A4_PRINT	107953	10

Circuit Diagram Bag, LAB-BAG_A4

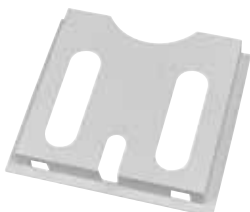
wa_vt14513



Size A4	LAB-BAG_A4	107913	1
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XAB4 Circuit Diagram Box

wa_vt108413

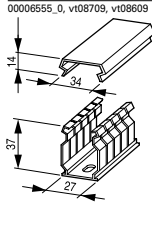


A4 panel format, self-adhesive	XAB4	283482	1
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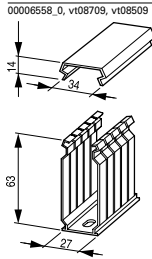
Supplied in length of (mm)	cable carrying capacity. Type and cross-section			Type Designation	Article No.	Units per package
	Max. no. of cables (approximate)	H 0... V-K (mm ²)	H 0... V-K (AWG)			

Cable ducts

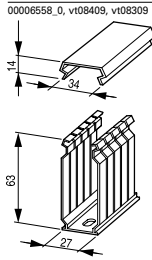
screw fixing



1500	60	0,75	–	KL25/35	012531	60
	40	1,5	14			
	25	2,5	10			
	15	4	–			



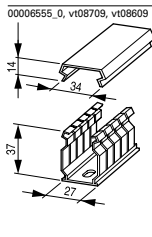
1500	100	0,75	–	KL25/60	017277	40
	70	1,5	14			
	45	2,5	10			
	30	4	–			
	25	6	–			



1500	260	0,75	–	KL60/60	029142	20
	180	1,5	14			
	120	2,5	10			
	80	4	–			
	65	6	–			

Self-adhesive

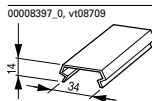
• Max. ambient temperature +55°C



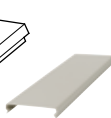
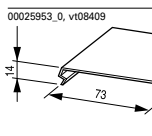
650	60	0,75	–	KL25/35K	014904	50
	40	1,5	2			
	25	2,5	10			

Cable duct cover

• Supplied as spares



1500	–	–	–	KD25	019649	1
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1500	–	–	–	KD60	024395	1
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XL										
xEnergy Light = System membership										
Base Frame	B									Base Frame
		106								dimension of frame (WxD)
	C									Corner Frame
		14-20								section height
Height Profile			3-8							section depth
	H									High Profile
Field Mounting Kit		/14-20								height of the frame
	F									Field Mounting Kit
		14-20								dimension
		S								Side/Side
			14-20							Mounting Kit height 1400-1600-1800-2000
		P								Add on part for Profi+
		A								Adapter - for top and bottom
			2							width 200
			4							width 400
			6							width 600
			8							width 800
			85							width 850
			10							width1000
			11							width 1100
		12							width 1200	
		135							width 1350	
Feeder Module Mounting Plates	M									Modules
		M								Mounting KIT
			S							Switch Gear
				H-V						Horizontal- Vertical
					1-6					Module height
						4/6/8				Module Width in mm"
			P							Power Module
				A						Air Circuit Breaker
					4-8					Module Width
			G							General
					04-12					Module height 100-400"
						1-8				Module width 4-10"
			FB						Fixing Braket	

XL								
xEnergy Light = System membership								
Feeder Module Frontplates	F						Front Plate	
		N					NZM	
		2N					2xNZM	
			1-4				framesize	
				3-4			3 or 4pol	
					V/H		Orientation V/H"	
						F/W	Fixed or Withdrawable	
							1-8	Modulheight 100-800"
							4-10	Modulwidth 400-1000"
		P						Power Defence
		2P						2xPower Devence
			1-4					framesize
				3-4				3 or 4pol
					V/H			Orientation V/H"
						F/W		Fixed or Withdrawable
							1-8	Modulheight 100-800"
							4-10	Modulwidth 400-1000"
		Q						QSA
		2Q						2xQSA
			1-4					framesize
				3-4				3 or 4pol
					V/H			Orientation V/H"
						F/W		Fixed or Withdrawable
							1-8	Modulheight 100-800"
							4-10	Modulwidth 400-1000"
		D						Domeco
		2D						2xDumeco
			1-4					framesize
			3-4				3 or 4pol	
				V/H			Orientation V/H"	
					F/W		Fixed or Withdrawable	
						1-8	Modulheight 100-800"	
						4-10	Modulwidth 400-1000"	
	G						General	
		C/V					closed/Ventilated	

XL											
xEnergy Light = System membership	Feeder Module Frontplates				1-8					Modulheight 100-800"	
							4-10			Modulwidth 400-1000"	
				A							Air Circuit Breaker
					16/40-V						Series IZMX 16/40 or Value Line
						3-4					3 or 4pol
							V/H				Orientation V/H"
								F-W			Fixed or Withdrawable
									4-8		Modulheight 400-800"
										4-10	Modulwidth 400-1000"
				M							Module Cover
					D						Din-Rail
						1/15/2					100/150/200
							4/6/8				400/600/800
		Accessories	A								
	S									System parts	
			M							mounting plate	
				4-10						size (HxW)	
			R							Support Rail	
				W						in panel width	
					4-12					400-1200	
				D						in panel depth	
					4-8					400/600/800	
						S				for Sidewall	
				H						in panel height	
					14/16/18/20					1400/1600/1800/2000	
			A							Fixing Angles	
				D						for Durostone	
	B									Main-Busbar	
			B							Back	
				S						Stacked Copper	
					B					Base-part	
					20					2x20/10	
					30					2x30/10	
					40					2x40/10	
					50					2x50/10	
				P						parallel Copper	
		T							Top		
				20					2x20/10		
				30					2x30x10		

XL							
xEnergy Light = System membership							
Accessories			40				2x40/10
			50				2x50x10
			60				2x60/10
		D					Distribution-Bus Bar
			20				2x20/10
			30				2x30x10
			40				2x40/10
			50				2x50x10
			60				2x60/10
			E				End Plate Distribution Bus Bar
		C					Cable Room
			C				Cableway
				14-20			Height 1400,1600, 1800,2000
			F				Frontcover
				01			width 175
				02			width 200
				04			width 200
			B				Backplate
				02			width 200
				04			width 200
			P				Part Plate
				02			width 200
				04			width 400
			S				Supporter
			V/H				Horizontal- Vertical
				PE/N			PE /N
					E		End
			BST				BST Grommet
		FIX					Fixing Brackets mounting supporter
		PAN					PAN Head Screw M5
			5				M5
		FCC					Frame Connection Covering
	LB					light door contact bracket	
	MWL					MWL Rear Covering	
		14-20				1400-200	

XL							
xEnergy Light = System membership	Partitions	P					partition
		A					ACB
			16/ 40/V				IZMX16/40/Value Line
				T-B			Top or back
					F/W		fix / withdrawable
						4-10	width of module
		C					MCCB/ Fused device
				T/B/R			Top or bottom or rear
					4/6/8		width of module
		B					Busbar
			B				Back
			T				Top
				4			Section Depth 400
				6			Section Depth 600
				8			Section Depth 800
					1		Width 100
					2		Width 200
			0				OPPO
				4			Width 400
				6			Width 600
				8			Width 800
		F					Field Mounting Kit Partition

XL								
xEnergy Light = System membership	Partitions	14-20					section Height	
			3-8				section depth	
		U					Universal	
			V-H				horizontal-vertical	
			4-8				400-800	
		T					Terminal separation	
			M				MCB (NZM and PD)	
			N				NZM	
			P				PD	
			1				frame size 1	
			2				frame size 2	
			3				frame size 3	
			4				frame size 4	
				3-4			3 or 4 pol	
			D				Dumeco	
				4			1600A	
				10			1000A	
				16			400A	
			Q				QSA	
				2			2	
				3			3	
		C					Conductor	
			G				Generall	
		MPC					MP Connector	

XL										
xEnergy Light = System membership	Sheetings	S								Sheeting
		S								Side-Plates
			12-20							section height
				3-8						section depth
		R								Rear Wall
			3-4-5							IP-Protection
				12-20						section height
					3-135					section width
		D								Door
			3-4							IP-Protection 31/42
				L-R-D						Left or right or Double
					14-20					section height
						3-135				section width
			5							IP-Protection 55
				D-S						Double or Single
					14-20					section height
						3-135				section width
				G						Glassed Door
					D-S					Double or Single
						14-20				section height
						11-135			section width	
	T								Top/ Bottom plate	

XL								
xEnergy Light = System membership	Sheetings		2-3-4-5				IP-Protection	
				3-135			section width	
					3-8			section depth
				A/S/F				aluminum/steel/F3A
					3-135			section width
						3-8		section depth
				J				Adjustable
					3-135			section width
						A		35mm depth
						B		110mm depth
						C		60-75mm depth
						D		90-105mm depth
		P						Plinth
			H					heavy
				1-2				Plinth height 100/200mm
					3-135			section width
						3-8		section depth
			L					Light
				1-2				Plinth height 100/200mm
					F			front panel
						4-135		section width
					S			side panel
						C/O		closed/ open
						3-8	section depth	

XP - Power sections**Incoming supplies, outgoers up to 1600 A**

- Cable connection from the top and bottom
- Busbar positions rear-mounted - bottom/top mounted
- Section height 1400/1600/1800/200 mm / section depth 400/600/800
- Internal separations up to Form 4b

vt15819



Air circuit breakers series IZMX16/40

- Widths of 400/600/800 mm
- Fixed or withdrawable
- 3 or 4 poles
- Up to 1600 A
- Up to Form 4b
- IP31, IP42, IP55 with IP2X protective cover
- Suitable for drill-free cable connection, can be installed at the top or bottom
- To be operated from outside

vt17019



Compact circuit breakers NZM3/4 in Form 4

- Widths of 400/600/800 mm
- Fixed or withdrawable
- 3 or 4 poles
- 250 - 630 A (NZM3)
- 630 - 1600 A (NZM4)
- Up to Form 4b
- IP31, IP42, IP55
- Suitable for drill-free cable connection, can be installed at the top or bottom
- To be operated from outside
- Installation of two switching devices in one section is possible

XF - Outgoing sections - Fixed design

- Outgoers with circuit breakers PKZ, NZM, FAZ, switch fuse units and fuse switch disconnectors up to 630 A
- For busbar positions at the rear - top/bottom or running under the top panel
- Section height 1400, 1600, 1800, 2000 mm / section depth 400/600/800 mm

vt16719



Outgoing sections for outgoers up to 630 A in Form 2

- Widths of 600/800/1000 mm
- Module widths of 425 and 600 mm
- 3 or 4 poles
- Form 2
- IP31/42/55
- Consistent mounting height of switchgear
- Circuit breakers suitable for use with plug base
- Single-wing section door up to 800/1000 mm, 2-wing door for 1200 mm
- Suitable for switchgear with remote operation
- Operation behind the door
- Dropper bar 1600 A

vt16119



Outgoing sections for fixed outgoers up to 630 A in Form 4

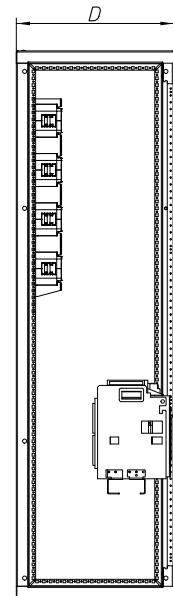
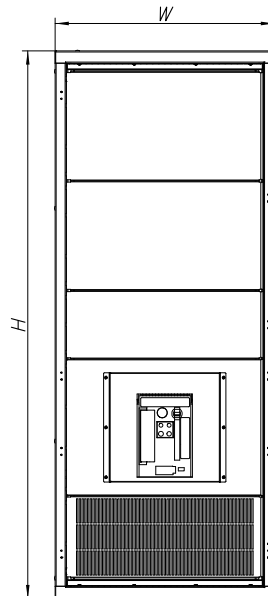
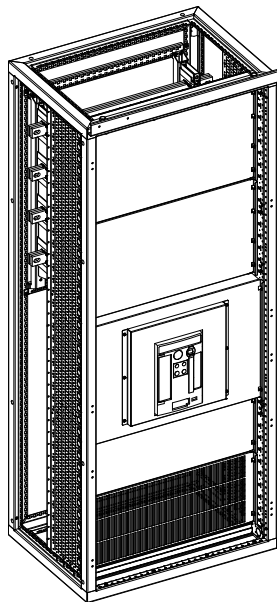
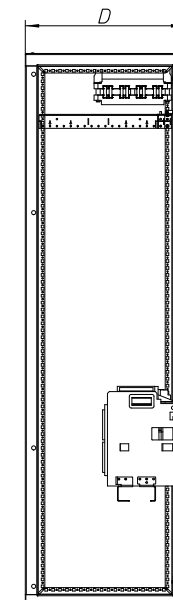
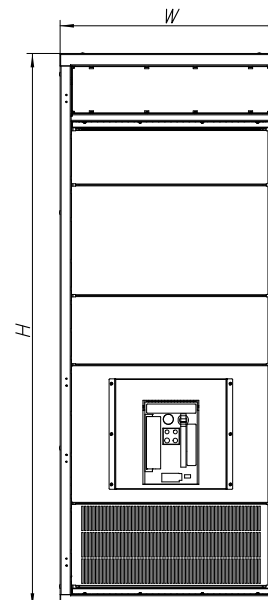
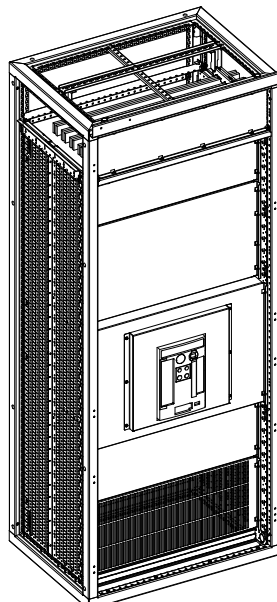
- Widths of 600/800/1000 mm
- Module widths of 400/600/800 mm
- Each module comes with its own front panel
- 3 or 4 poles
- Up to Form 4b
- IP31/55
- Circuit breakers suitable for use with plug base
- Suitable for switchgear with remote operation
- Separate doors to switchgear area and connection area
- Transparent doors (glass doors) are possible
- Dropper bar 1600 A

XP Power sections XP for single ACBs of the IZMX16/40 up to 1600 A**For air circuit breakers IZMX16/40:**

- In withdrawable design
- In fixed design
- 3-pole, 4-pole (or 3P+N version)
- Sections can be realised as incoming, outgoing
- Optimal conditions for energy/transformer measurements
- Transformer straps integrated in the copper

Dimensions

- Section depth (D): 400/600/800 mm
- In addition, you can add a cable guidance cabinet at the back of the XP section
- Section width (W): 425, 600, 800 mm
- Section height (H): 1400/1600/1800/2000 mm, optionally with a plinth (x) of 100 or 200 mm

Main Busbar Back (MBB)**D = 600, 800 mm****Main Busbar Top (MBT)****D = 400*) 600, 800 mm
*) IZMX16**

XP Power sections for single MCCB of the NZM3/4 up to 1600 A

For NZM3/4 module circuit breakers:

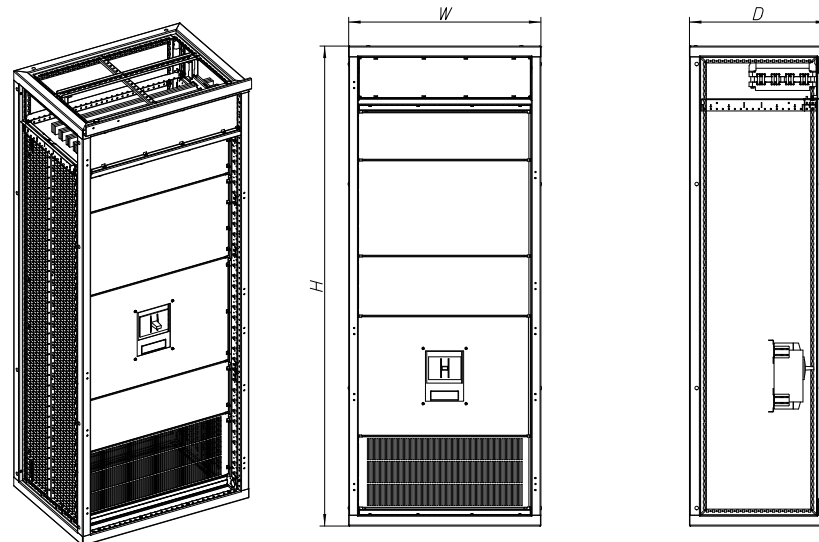
- In fixed design
- In withdrawable design
- In 3-pole, 4-pole or as a 3P+N version
- Optional use of motor drive, rotary drive or mechanical lock a motor drive
- Can be used as a feeder, outgoing or coupler switch
- Transformer straps integrated into the copper connection
- Fitting kits/covers for IP31/IP42/IP55

Dimensions

- Section depth (D): 400/600/800 mm
- In addition, you can add a cable guidance cabinet at the back of the XP section
- Section width (W): 400/600/800 mm
- Section height (H): 1400/1600/1800/2000 mm, optionally with a plinth of (x) 100 or 200 mm

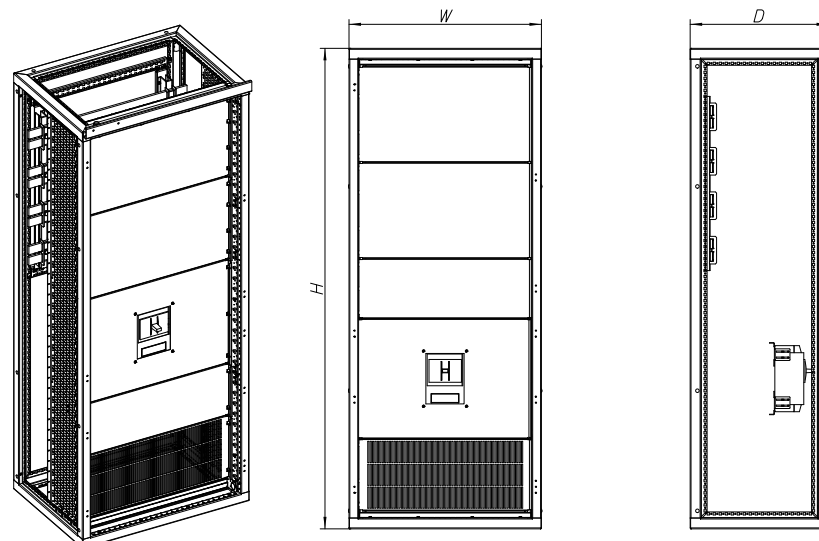
Main Busbar Top (MBT)

D = 400, 600, 800 mm



Main Busbar Back - Flat (MBF)

D = 400, 600, 800 mm



Main busbar

- possible positions: top, middle, bottom

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP31 Ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	878	819	769
850	400	1400	1037	1024	925
850	600	1400	1258	1201	1152
850	800	1400	1503	1395	1305
1000	300	1400	1026	1012	994
1000	400	1400	1156	1127	1103
1000	600	1400	1413	1345	1285
1000	800	1400	1622	1584	1469
1100	300	1400	1100	1084	1069
1100	400	1400	1240	1208	1181
1100	600	1400	1530	1451	1382
1100	800	1400	1690	1649	1595
1200	300	1400	1177	1159	1143
1200	400	1400	1330	1294	1264
1200	600	1400	1591	1570	1489
1200	800	1400	1762	1717	1676
1350	300	1400	1305	1283	1264
1350	400	1400	1485	1440	1400
1350	600	1400	1685	1660	1638
1350	800	1400	1876	1823	1778
850	300	1600	873	889	813
850	400	1600	988	959	932
850	600	1600	1246	1173	1110
850	800	1600	1445	1399	1282
1000	300	1600	935	916	900
1000	400	1600	1074	1039	1008
1000	600	1600	1323	1276	1201
1000	800	1600	1481	1433	1405
1100	300	1600	1011	989	970
1100	400	1600	1170	1129	1091
1100	600	1600	1385	1358	1311
1100	800	1600	1554	1502	1457
1200	300	1600	1054	1029	1008
1200	400	1600	1218	1172	1131
1200	600	1600	1384	1357	1333
1200	800	1600	1558	1504	1456
1350	300	1600	1178	1164	1137
1350	400	1600	1287	1278	1283
1350	600	1600	1481	1449	1421
1350	800	1600	1676	1614	1559
850	300	1800	921	898	878
850	400	1800	1044	1003	967
850	600	1800	1323	1257	1172
850	800	1800	1500	1442	1383
1000	300	1800	990	963	940
1000	400	1800	1146	1097	1053
1000	600	1800	1367	1333	1296
1000	800	1800	1554	1491	1435

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	643	599	562
850	400	1400	760	749	677
850	600	1400	920	878	842
850	800	1400	1100	1021	954
1000	300	1400	751	740	727
1000	400	1400	844	824	806
1000	600	1400	1033	983	940
1000	800	1400	1186	1159	1075
1100	300	1400	805	792	783
1100	400	1400	907	884	864
1100	600	1400	1120	1062	1012
1100	800	1400	1237	1206	1166
1200	300	1400	860	848	837
1200	400	1400	974	947	923
1200	600	1400	1165	1148	1089
1200	800	1400	1289	1256	1226
1350	300	1400	954	938	923
1350	400	1400	1085	1053	1024
1350	600	1400	1233	1213	1199
1350	800	1400	1372	1334	1301
850	300	1600	639	652	594
850	400	1600	723	701	681
850	600	1600	911	858	812
850	800	1600	1058	1023	937
1000	300	1600	683	669	658
1000	400	1600	785	760	736
1000	600	1600	967	933	879
1000	800	1600	1083	1049	1027
1100	300	1600	739	724	710
1100	400	1600	856	826	799
1100	600	1600	1014	994	959
1100	800	1600	1137	1099	1066
1200	300	1600	770	753	737
1200	400	1600	891	857	827
1200	600	1600	1013	992	975
1200	800	1600	1140	1100	1065
1350	300	1600	863	852	831
1350	400	1600	942	935	938
1350	600	1600	1083	1059	1040
1350	800	1600	1226	1181	1140
850	300	1800	673	657	642
850	400	1800	764	734	708
850	600	1800	967	919	858
850	800	1800	1097	1056	1011
1000	300	1800	724	705	686
1000	400	1800	838	802	769
1000	600	1800	999	975	948
1000	800	1800	1137	1090	1050

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	320	299	279
850	400	1400	378	373	337
850	600	1400	459	437	421
850	800	1400	549	509	475
1000	300	1400	374	369	362
1000	400	1400	421	410	403
1000	600	1400	515	490	468
1000	800	1400	592	578	536
1100	300	1400	401	396	391
1100	400	1400	452	441	430
1100	600	1400	558	529	504
1100	800	1400	617	601	581
1200	300	1400	428	423	418
1200	400	1400	486	472	461
1200	600	1400	580	572	544
1200	800	1400	643	626	612
1350	300	1400	475	468	461
1350	400	1400	542	526	511
1350	600	1400	614	605	598
1350	800	1400	684	666	648
850	300	1600	318	325	297
850	400	1600	360	350	340
850	600	1600	454	427	406
850	800	1600	526	510	467
1000	300	1600	341	334	328
1000	400	1600	392	379	367
1000	600	1600	483	465	438
1000	800	1600	540	523	512
1100	300	1600	369	361	353
1100	400	1600	427	411	399
1100	600	1600	506	496	477
1100	800	1600	567	548	531
1200	300	1600	384	375	368
1200	400	1600	444	427	413
1200	600	1600	505	495	486
1200	800	1600	568	548	531
1350	300	1600	429	425	414
1350	400	1600	470	467	468
1350	600	1600	540	528	518
1350	800	1600	611	588	569
850	300	1800	335	327	320
850	400	1800	380	366	353
850	600	1800	482	459	427
850	800	1800	548	526	505
1000	300	1800	361	351	343
1000	400	1800	418	400	384
1000	600	1800	498	486	473
1000	800	1800	567	544	523

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP31 Ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	1086	1055	1027
1100	400	1800	1234	1217	1165
1100	600	1800	1441	1404	1371
1100	800	1800	1642	1573	1512
1200	300	1800	1117	1104	1072
1200	400	1800	1240	1226	1225
1200	600	1800	1450	1411	1377
1200	800	1800	1659	1585	1521
1350	300	1800	1208	1202	1197
1350	400	1800	1337	1320	1305
1350	600	1800	1566	1521	1482
1350	800	1800	1806	1721	1644
850	300	2000	970	940	913
850	400	2000	1111	1057	1009
850	600	2000	1354	1315	1244
850	800	2000	1561	1488	1424
1000	300	2000	1071	1034	1001
1000	400	2000	1187	1181	1121
1000	600	2000	1414	1370	1332
1000	800	2000	1635	1553	1482
1100	300	2000	1133	1132	1092
1100	400	2000	1255	1236	1219
1100	600	2000	1502	1453	1410
1100	800	2000	1743	1651	1572
1200	300	2000	1144	1134	1127
1200	400	2000	1276	1256	1238
1200	600	2000	1522	1470	1425
1200	800	2000	1776	1677	1593
1350	300	2000	1240	1229	1219
1350	400	2000	1390	1366	1345
1350	600	2000	1664	1603	1549
1350	800	2000	1960	1842	1741

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	794	771	750
1100	400	1800	903	890	853
1100	600	1800	1053	1027	1003
1100	800	1800	1201	1151	1105
1200	300	1800	818	807	783
1200	400	1800	908	897	896
1200	600	1800	1061	1032	1007
1200	800	1800	1214	1160	1113
1350	300	1800	884	879	875
1350	400	1800	978	965	956
1350	600	1800	1146	1113	1085
1350	800	1800	1322	1259	1203
850	300	2000	710	686	667
850	400	2000	812	772	738
850	600	2000	990	960	909
850	800	2000	1140	1087	1041
1000	300	2000	783	755	732
1000	400	2000	868	864	820
1000	600	2000	1033	1002	973
1000	800	2000	1196	1135	1083
1100	300	2000	827	827	799
1100	400	2000	917	904	892
1100	600	2000	1097	1061	1030
1100	800	2000	1275	1207	1149
1200	300	2000	836	830	824
1200	400	2000	933	918	906
1200	600	2000	1113	1076	1041
1200	800	2000	1299	1227	1164
1350	300	2000	906	899	891
1350	400	2000	1016	999	983
1350	600	2000	1217	1172	1133
1350	800	2000	1433	1347	1274

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	396	385	374
1100	400	1800	451	444	425
1100	600	1800	526	512	501
1100	800	1800	600	573	551
1200	300	1800	408	403	391
1200	400	1800	452	447	447
1200	600	1800	529	515	502
1200	800	1800	605	578	555
1350	300	1800	441	438	437
1350	400	1800	488	482	476
1350	600	1800	572	555	540
1350	800	1800	659	627	600
850	300	2000	354	343	333
850	400	2000	419	384	368
850	600	2000	493	479	452
850	800	2000	568	541	518
1000	300	2000	391	377	365
1000	400	2000	432	430	408
1000	600	2000	515	499	485
1000	800	2000	595	565	540
1100	300	2000	413	413	398
1100	400	2000	458	451	445
1100	600	2000	546	529	513
1100	800	2000	634	601	573
1200	300	2000	417	414	411
1200	400	2000	466	458	452
1200	600	2000	555	536	519
1200	800	2000	647	611	581
1350	300	2000	452	448	445
1350	400	2000	507	498	490
1350	600	2000	606	584	564
1350	800	2000	714	671	635

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP31 Non ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	659	614	576
850	400	1400	778	768	694
850	600	1400	944	900	864
850	800	1400	1127	1046	979
1000	300	1400	713	703	690
1000	400	1400	803	783	766
1000	600	1400	981	934	893
1000	800	1400	1126	1100	1020
1100	300	1400	764	753	743
1100	400	1400	861	839	820
1100	600	1400	1063	1008	960
1100	800	1400	1174	1145	1108
1200	300	1400	818	805	794
1200	400	1400	924	899	878
1200	600	1400	1105	1090	1034
1200	800	1400	1224	1193	1164
1350	300	1400	906	891	878
1350	400	1400	1031	1000	973
1350	600	1400	1170	1153	1138
1350	800	1400	1303	1266	1235
850	300	1600	714	728	666
850	400	1600	809	784	763
850	600	1600	1019	960	909
850	800	1600	1183	1145	1049
1000	300	1600	744	729	716
1000	400	1600	855	827	802
1000	600	1600	1054	1016	956
1000	800	1600	1179	1141	1118
1100	300	1600	805	788	773
1100	400	1600	931	899	869
1100	600	1600	1103	1081	1044
1100	800	1600	1238	1196	1160
1200	300	1600	878	858	840
1200	400	1600	1015	977	943
1200	600	1600	1154	1131	1110
1200	800	1600	1298	1253	1214
1350	300	1600	981	970	948
1350	400	1600	1073	1065	1069
1350	600	1600	1234	1208	1184
1350	800	1600	1396	1345	1299
850	300	1800	753	734	718
850	400	1800	855	821	791
850	600	1800	1083	1029	959
850	800	1800	1227	1180	1131
1000	300	1800	788	767	748
1000	400	1800	913	873	838
1000	600	1800	1088	1061	1032
1000	800	1800	1237	1187	1143

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	482	450	421
850	400	1400	570	562	508
850	600	1400	690	659	632
850	800	1400	825	765	716
1000	300	1400	521	514	505
1000	400	1400	586	573	560
1000	600	1400	718	683	653
1000	800	1400	824	805	746
1100	300	1400	559	550	544
1100	400	1400	630	614	600
1100	600	1400	778	738	703
1100	800	1400	859	838	810
1200	300	1400	598	589	581
1200	400	1400	676	658	641
1200	600	1400	809	798	756
1200	800	1400	895	873	851
1350	300	1400	663	651	641
1350	400	1400	754	731	711
1350	600	1400	856	843	833
1350	800	1400	953	926	904
850	300	1600	522	533	486
850	400	1600	591	574	558
850	600	1600	745	702	664
850	800	1600	865	837	767
1000	300	1600	544	533	524
1000	400	1600	625	605	586
1000	600	1600	770	743	700
1000	800	1600	863	835	818
1100	300	1600	589	576	565
1100	400	1600	681	658	636
1100	600	1600	808	791	764
1100	800	1600	905	875	849
1200	300	1600	641	628	614
1200	400	1600	743	714	689
1200	600	1600	844	826	813
1200	800	1600	950	916	888
1350	300	1600	719	710	693
1350	400	1600	785	779	781
1350	600	1600	903	883	866
1350	800	1600	1021	984	950
850	300	1800	551	537	525
850	400	1800	625	601	579
850	600	1800	791	752	702
850	800	1800	898	864	828
1000	300	1800	576	561	546

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	240	224	209
850	400	1400	284	279	252
850	600	1400	344	328	316
850	800	1400	412	382	356
1000	300	1400	260	256	251
1000	400	1400	293	285	280
1000	600	1400	358	340	325
1000	800	1400	411	401	373
1100	300	1400	279	275	271
1100	400	1400	314	306	299
1100	600	1400	388	368	350
1100	800	1400	429	418	404
1200	300	1400	298	294	290
1200	400	1400	338	328	320
1200	600	1400	403	398	378
1200	800	1400	446	435	425
1350	300	1400	330	325	320
1350	400	1400	376	365	355
1350	600	1400	426	420	415
1350	800	1400	475	463	450
850	300	1600	261	266	243
850	400	1600	294	286	278
850	600	1600	371	350	332
850	800	1600	431	417	382
1000	300	1600	271	266	261
1000	400	1600	312	302	293
1000	600	1600	384	371	349
1000	800	1600	430	416	408
1100	300	1600	294	288	281
1100	400	1600	340	328	318
1100	600	1600	403	395	380
1100	800	1600	451	436	423
1200	300	1600	320	313	306
1200	400	1600	370	356	344
1200	600	1600	421	412	405
1200	800	1600	474	457	443
1350	300	1600	358	354	345
1350	400	1600	391	389	390
1350	600	1600	450	440	431
1350	800	1600	509	490	474
850	300	1800	274	267	262
850	400	1800	311	300	289
850	600	1800	394	375	350
850	800	1800	448	431	413
1000	300	1800	288	280	273

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP31 Non ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	865	840	818
1100	400	1800	983	969	928
1100	600	1800	1148	1118	1091
1100	800	1800	1308	1253	1204
1200	300	1800	931	920	893
1200	400	1800	1033	1022	1021
1200	600	1800	1208	1176	1147
1200	800	1800	1383	1321	1268
1350	300	1800	1006	1001	998
1350	400	1800	1114	1100	1088
1350	600	1800	1305	1268	1235
1350	800	1800	1505	1434	1370
850	300	2000	794	769	747
850	400	2000	909	864	826
850	600	2000	1108	1076	1018
850	800	2000	1277	1217	1165
1000	300	2000	853	823	797
1000	400	2000	945	940	892
1000	600	2000	1126	1091	1060
1000	800	2000	1302	1237	1180
1100	300	2000	902	901	869
1100	400	2000	999	984	971
1100	600	2000	1196	1157	1123
1100	800	2000	1388	1315	1252
1200	300	2000	953	945	939
1200	400	2000	1064	1047	1032
1200	600	2000	1269	1225	1187
1200	800	2000	1480	1398	1327
1350	300	2000	1033	1024	1016
1350	400	2000	1158	1138	1121
1350	600	2000	1387	1336	1291
1350	800	2000	1633	1535	1451

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1000	400	1800	668	639	613
1000	600	1800	795	776	755
1000	800	1800	905	868	836
1100	300	1800	633	614	598
1100	400	1800	719	709	679
1100	600	1800	839	818	799
1100	800	1800	956	916	880
1200	300	1800	681	673	653
1200	400	1800	756	748	746
1200	600	1800	884	860	839
1200	800	1800	1011	966	928
1350	300	1800	736	733	729
1350	400	1800	815	804	796
1350	600	1800	955	928	904
1350	800	1800	1101	1049	1003
850	300	2000	581	562	545
850	400	2000	664	632	603
850	600	2000	810	786	744
850	800	2000	933	890	852
1000	300	2000	624	601	583
1000	400	2000	691	688	653
1000	600	2000	823	798	775
1000	800	2000	953	904	863
1100	300	2000	659	659	636
1100	400	2000	730	720	710
1100	600	2000	874	845	820
1100	800	2000	1015	961	915
1200	300	2000	696	691	686
1200	400	2000	778	765	755
1200	600	2000	928	896	868
1200	800	2000	1083	1023	970
1350	300	2000	755	749	743
1350	400	2000	846	833	819
1350	600	2000	1014	976	944
1350	800	2000	1194	1123	1061

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1000	400	1800	333	318	306
1000	600	1800	397	387	376
1000	800	1800	451	433	417
1100	300	1800	315	306	298
1100	400	1800	359	354	339
1100	600	1800	419	408	399
1100	800	1800	478	456	439
1200	300	1800	340	336	326
1200	400	1800	377	373	372
1200	600	1800	441	429	418
1200	800	1800	504	482	462
1350	300	1800	368	365	364
1350	400	1800	406	401	396
1350	600	1800	476	463	450
1350	800	1800	549	523	500
850	300	2000	289	280	272
850	400	2000	343	315	301
850	600	2000	404	392	370
850	800	2000	464	443	424
1000	300	2000	311	300	291
1000	400	2000	344	343	325
1000	600	2000	410	398	386
1000	800	2000	474	450	430
1100	300	2000	329	329	317
1100	400	2000	364	359	354
1100	600	2000	435	421	409
1100	800	2000	505	479	456
1200	300	2000	348	345	342
1200	400	2000	388	382	376
1200	600	2000	463	446	433
1200	800	2000	539	509	484
1350	300	2000	377	373	371
1350	400	2000	422	415	409
1350	600	2000	505	486	470
1350	800	2000	595	559	529

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP42 Ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	683	637	598
850	400	1400	806	797	720
850	600	1400	979	934	896
850	800	1400	1169	1085	1015
1000	300	1400	741	731	718
1000	400	1400	835	814	797
1000	600	1400	1021	971	928
1000	800	1400	1171	1144	1061
1100	300	1400	794	783	772
1100	400	1400	896	872	853
1100	600	1400	1105	1048	998
1100	800	1400	1221	1191	1152
1200	300	1400	850	837	826
1200	400	1400	961	935	913
1200	600	1400	1149	1134	1075
1200	800	1400	1273	1240	1210
1350	300	1400	943	927	913
1350	400	1400	1073	1040	1011
1350	600	1400	1217	1199	1183
1350	800	1400	1355	1317	1284
850	300	1600	741	755	690
850	400	1600	839	813	791
850	600	1600	1057	995	942
850	800	1600	1226	1187	1088
1000	300	1600	774	759	745
1000	400	1600	890	860	834
1000	600	1600	1096	1057	994
1000	800	1600	1226	1187	1163
1100	300	1600	837	819	803
1100	400	1600	969	935	904
1100	600	1600	1147	1125	1086
1100	800	1600	1287	1244	1206
1200	300	1600	913	892	874
1200	400	1600	1056	1016	980
1200	600	1600	1200	1176	1155
1200	800	1600	1350	1303	1262
1350	300	1600	1021	1009	985
1350	400	1600	1115	1108	1112
1350	600	1600	1283	1256	1231
1350	800	1600	1452	1399	1351
850	300	1800	781	762	745
850	400	1800	886	851	820
850	600	1800	1123	1067	994
850	800	1800	1273	1224	1173
1000	300	1800	820	798	778
1000	400	1800	949	908	872
1000	600	1800	1132	1104	1073
1000	800	1800	1286	1234	1188

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	500	466	437
850	400	1400	591	582	526
850	600	1400	715	683	655
850	800	1400	855	794	742
1000	300	1400	542	534	525
1000	400	1400	610	595	582
1000	600	1400	746	710	679
1000	800	1400	857	837	776
1100	300	1400	581	572	566
1100	400	1400	655	638	624
1100	600	1400	809	767	731
1100	800	1400	893	871	842
1200	300	1400	621	612	605
1200	400	1400	703	684	667
1200	600	1400	841	829	787
1200	800	1400	931	907	885
1350	300	1400	689	677	667
1350	400	1400	784	761	740
1350	600	1400	891	876	866
1350	800	1400	991	963	940
850	300	1600	542	553	504
850	400	1600	613	595	578
850	600	1600	773	728	689
850	800	1600	897	868	795
1000	300	1600	566	554	545
1000	400	1600	650	629	610
1000	600	1600	801	772	728
1000	800	1600	897	868	850
1100	300	1600	612	599	588
1100	400	1600	709	684	662
1100	600	1600	840	823	794
1100	800	1600	941	910	883
1200	300	1600	667	653	638
1200	400	1600	772	742	716
1200	600	1600	878	859	845
1200	800	1600	988	953	923
1350	300	1600	748	738	720
1350	400	1600	816	810	813
1350	600	1600	939	918	901
1350	800	1600	1062	1023	988
850	300	1800	571	557	545
850	400	1800	648	623	601
850	600	1800	820	780	728
850	800	1800	931	896	858
1000	300	1800	599	584	568
1000	400	1800	694	664	637
1000	600	1800	827	807	785
1000	800	1800	941	902	870

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	249	232	217
850	400	1400	294	290	262
850	600	1400	357	340	328
850	800	1400	427	396	370
1000	300	1400	270	267	261
1000	400	1400	304	296	291
1000	600	1400	372	354	338
1000	800	1400	428	417	387
1100	300	1400	290	286	282
1100	400	1400	326	319	311
1100	600	1400	403	382	364
1100	800	1400	446	434	420
1200	300	1400	309	306	302
1200	400	1400	351	341	333
1200	600	1400	419	413	393
1200	800	1400	464	452	442
1350	300	1400	343	338	333
1350	400	1400	391	380	369
1350	600	1400	443	437	432
1350	800	1400	494	481	468
850	300	1600	270	276	252
850	400	1600	305	297	288
850	600	1600	385	363	344
850	800	1600	447	433	396
1000	300	1600	282	277	272
1000	400	1600	324	314	304
1000	600	1600	400	385	363
1000	800	1600	447	433	424
1100	300	1600	306	299	293
1100	400	1600	354	341	330
1100	600	1600	419	411	395
1100	800	1600	469	454	439
1200	300	1600	333	325	319
1200	400	1600	385	370	358
1200	600	1600	438	429	421
1200	800	1600	492	475	460
1350	300	1600	372	368	359
1350	400	1600	407	404	406
1350	600	1600	468	458	449
1350	800	1600	529	510	493
850	300	1800	284	277	272
850	400	1800	322	311	300
850	600	1800	409	389	363
850	800	1800	465	447	428
1000	300	1800	299	291	284
1000	400	1800	346	331	318
1000	600	1800	413	403	391
1000	800	1800	469	450	433

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP42 Ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	900	874	850
1100	400	1800	1022	1008	965
1100	600	1800	1193	1162	1135
1100	800	1800	1360	1303	1252
1200	300	1800	968	957	929
1200	400	1800	1075	1062	1062
1200	600	1800	1256	1223	1193
1200	800	1800	1438	1374	1318
1350	300	1800	1047	1041	1037
1350	400	1800	1158	1144	1131
1350	600	1800	1357	1318	1284
1350	800	1800	1565	1491	1425
850	300	2000	823	797	775
850	400	2000	943	896	856
850	600	2000	1149	1115	1056
850	800	2000	1324	1262	1208
1000	300	2000	887	856	829
1000	400	2000	983	978	928
1000	600	2000	1171	1135	1103
1000	800	2000	1354	1286	1227
1100	300	2000	938	937	904
1100	400	2000	1039	1023	1010
1100	600	2000	1243	1203	1167
1100	800	2000	1443	1367	1302
1200	300	2000	991	983	977
1200	400	2000	1106	1089	1073
1200	600	2000	1319	1274	1235
1200	800	2000	1539	1454	1380
1350	300	2000	1074	1065	1057
1350	400	2000	1204	1184	1165
1350	600	2000	1442	1389	1343
1350	800	2000	1698	1596	1509

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	658	638	621
1100	400	1800	748	737	706
1100	600	1800	872	850	831
1100	800	1800	995	953	915
1200	300	1800	709	699	679
1200	400	1800	787	777	776
1200	600	1800	919	894	872
1200	800	1800	1052	1005	965
1350	300	1800	766	762	758
1350	400	1800	848	836	828
1350	600	1800	993	965	940
1350	800	1800	1145	1091	1043
850	300	2000	602	582	566
850	400	2000	689	655	626
850	600	2000	840	815	771
850	800	2000	967	923	883
1000	300	2000	649	625	606
1000	400	2000	719	715	679
1000	600	2000	855	829	806
1000	800	2000	991	940	897
1100	300	2000	685	685	662
1100	400	2000	759	749	738
1100	600	2000	909	879	853
1100	800	2000	1056	1000	952
1200	300	2000	724	719	714
1200	400	2000	809	796	785
1200	600	2000	965	932	902
1200	800	2000	1126	1063	1009
1350	300	2000	785	779	772
1350	400	2000	880	866	852
1350	600	2000	1054	1015	982
1350	800	2000	1242	1167	1104

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	328	319	309
1100	400	1800	373	368	352
1100	600	1800	436	424	415
1100	800	1800	497	475	456
1200	300	1800	353	349	339
1200	400	1800	392	388	387
1200	600	1800	458	446	435
1200	800	1800	525	501	481
1350	300	1800	382	380	378
1350	400	1800	423	417	412
1350	600	1800	495	481	468
1350	800	1800	571	543	520
850	300	2000	300	291	283
850	400	2000	356	326	312
850	600	2000	419	406	384
850	800	2000	482	459	440
1000	300	2000	324	312	302
1000	400	2000	358	356	338
1000	600	2000	426	413	402
1000	800	2000	493	468	447
1100	300	2000	342	342	330
1100	400	2000	379	373	368
1100	600	2000	452	438	425
1100	800	2000	525	498	475
1200	300	2000	362	359	356
1200	400	2000	403	397	391
1200	600	2000	481	464	450
1200	800	2000	560	529	503
1350	300	2000	392	388	385
1350	400	2000	439	432	425
1350	600	2000	525	506	489
1350	800	2000	619	581	550

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP42 Non ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	634	592	555
850	400	1400	749	740	668
850	600	1400	909	867	832
850	800	1400	1086	1008	943
1000	300	1400	684	674	662
1000	400	1400	770	751	736
1000	600	1400	942	896	857
1000	800	1400	1081	1056	979
1100	300	1400	733	722	713
1100	400	1400	827	805	787
1100	600	1400	1020	967	922
1100	800	1400	1127	1099	1063
1200	300	1400	785	773	762
1200	400	1400	887	863	842
1200	600	1400	1061	1046	992
1200	800	1400	1175	1145	1117
1350	300	1400	870	856	842
1350	400	1400	990	960	934
1350	600	1400	1123	1106	1092
1350	800	1400	1250	1216	1186
850	300	1600	688	701	641
850	400	1600	779	755	735
850	600	1600	982	924	875
850	800	1600	1139	1102	1010
1000	300	1600	714	700	688
1000	400	1600	821	794	770
1000	600	1600	1011	976	918
1000	800	1600	1132	1096	1074
1100	300	1600	773	756	742
1100	400	1600	894	863	834
1100	600	1600	1058	1038	1002
1100	800	1600	1188	1148	1114
1200	300	1600	843	824	807
1200	400	1600	975	938	905
1200	600	1600	1108	1085	1066
1200	800	1600	1246	1203	1165
1350	300	1600	942	931	910
1350	400	1600	1030	1022	1026
1350	600	1600	1184	1159	1136
1350	800	1600	1340	1291	1247
850	300	1800	725	707	692
850	400	1800	823	790	762
850	600	1800	1043	991	923
850	800	1800	1182	1136	1089
1000	300	1800	757	736	718
1000	400	1800	876	838	805
1000	600	1800	1045	1019	991

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	464	433	406
850	400	1400	549	541	489
850	600	1400	664	634	608
850	800	1400	794	737	689
1000	300	1400	500	493	485
1000	400	1400	563	550	538
1000	600	1400	689	655	626
1000	800	1400	791	773	716
1100	300	1400	536	528	522
1100	400	1400	605	589	576
1100	600	1400	746	708	674
1100	800	1400	824	804	778
1200	300	1400	574	565	558
1200	400	1400	649	631	616
1200	600	1400	776	766	726
1200	800	1400	859	838	817
1350	300	1400	636	625	616
1350	400	1400	724	702	683
1350	600	1400	822	809	799
1350	800	1400	914	889	868
850	300	1600	503	514	468
850	400	1600	569	553	537
850	600	1600	718	676	640
850	800	1600	833	806	738
1000	300	1600	522	511	503
1000	400	1600	600	581	563
1000	600	1600	739	713	672
1000	800	1600	828	802	785
1100	300	1600	565	553	542
1100	400	1600	654	631	611
1100	600	1600	775	760	733
1100	800	1600	869	840	815
1200	300	1600	616	602	589
1200	400	1600	713	685	661
1200	600	1600	810	793	780
1200	800	1600	912	880	852
1350	300	1600	690	682	665
1350	400	1600	754	748	750
1350	600	1600	866	847	832
1350	800	1600	980	944	912
850	300	1800	530	517	506
850	400	1800	602	579	558
850	600	1800	762	724	676
850	800	1800	865	832	797
1000	300	1800	553	539	524

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	231	216	202
850	400	1400	273	269	243
850	600	1400	332	316	304
850	800	1400	397	368	343
1000	300	1400	250	246	241
1000	400	1400	281	274	269
1000	600	1400	343	326	312
1000	800	1400	395	385	358
1100	300	1400	268	264	260
1100	400	1400	301	294	287
1100	600	1400	372	353	336
1100	800	1400	412	401	388
1200	300	1400	286	282	278
1200	400	1400	324	314	307
1200	600	1400	386	382	362
1200	800	1400	428	418	408
1350	300	1400	317	312	307
1350	400	1400	361	350	341
1350	600	1400	409	403	398
1350	800	1400	456	444	432
850	300	1600	251	256	234
850	400	1600	283	276	268
850	600	1600	358	337	320
850	800	1600	415	402	368
1000	300	1600	261	255	251
1000	400	1600	299	290	281
1000	600	1600	369	356	335
1000	800	1600	413	400	392
1100	300	1600	282	276	270
1100	400	1600	326	314	305
1100	600	1600	386	379	365
1100	800	1600	433	419	406
1200	300	1600	307	300	294
1200	400	1600	355	342	330
1200	600	1600	404	396	389
1200	800	1600	455	439	425
1350	300	1600	343	340	331
1350	400	1600	376	373	374
1350	600	1600	432	422	414
1350	800	1600	488	470	455
850	300	1800	264	257	252
850	400	1800	299	289	278
850	600	1800	380	361	337
850	800	1800	432	415	398
1000	300	1800	276	269	262

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP42 Non ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1000	800	1800	1188	1139	1097
1100	300	1800	830	806	785
1100	400	1800	943	930	890
1100	600	1800	1102	1073	1048
1100	800	1800	1255	1202	1156
1200	300	1800	894	883	857
1200	400	1800	992	981	980
1200	600	1800	1160	1129	1101
1200	800	1800	1328	1268	1217
1350	300	1800	966	961	958
1350	400	1800	1069	1056	1044
1350	600	1800	1253	1217	1186
1350	800	1800	1445	1376	1315
850	300	2000	764	740	719
850	400	2000	875	832	795
850	600	2000	1067	1036	980
850	800	2000	1230	1172	1122
1000	300	2000	819	790	765
1000	400	2000	907	903	857
1000	600	2000	1081	1047	1018
1000	800	2000	1250	1187	1133
1100	300	2000	866	865	835
1100	400	2000	959	945	932
1100	600	2000	1148	1110	1078
1100	800	2000	1332	1262	1202
1200	300	2000	915	908	901
1200	400	2000	1021	1005	991
1200	600	2000	1218	1176	1140
1200	800	2000	1421	1342	1274
1350	300	2000	992	983	975
1350	400	2000	1112	1093	1076
1350	600	2000	1331	1282	1239
1350	800	2000	1568	1473	1393

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1000	400	1800	641	613	588
1000	600	1800	763	745	725
1000	800	1800	869	833	803
1100	300	1800	607	589	574
1100	400	1800	690	680	652
1100	600	1800	805	785	767
1100	800	1800	918	880	845
1200	300	1800	654	646	626
1200	400	1800	726	718	716
1200	600	1800	848	826	805
1200	800	1800	971	928	890
1350	300	1800	707	703	700
1350	400	1800	782	772	764
1350	600	1800	917	890	868
1350	800	1800	1057	1007	962
850	300	2000	559	541	525
850	400	2000	640	608	581
850	600	2000	780	757	716
850	800	2000	898	857	820
1000	300	2000	599	577	559
1000	400	2000	664	660	626
1000	600	2000	790	766	744
1000	800	2000	914	868	828
1100	300	2000	632	632	611
1100	400	2000	701	691	682
1100	600	2000	839	811	787
1100	800	2000	974	923	878
1200	300	2000	668	664	659
1200	400	2000	746	734	725
1200	600	2000	890	860	833
1200	800	2000	1039	982	931
1350	300	2000	725	719	713
1350	400	2000	812	799	786
1350	600	2000	973	937	906
1350	800	2000	1146	1078	1019

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1000	400	1800	320	306	293
1000	600	1800	381	372	361
1000	800	1800	433	416	400
1100	300	1800	302	294	286
1100	400	1800	344	340	325
1100	600	1800	402	391	383
1100	800	1800	458	438	421
1200	300	1800	326	322	313
1200	400	1800	362	358	357
1200	600	1800	423	412	402
1200	800	1800	484	463	444
1350	300	1800	353	350	349
1350	400	1800	390	385	380
1350	600	1800	457	444	432
1350	800	1800	527	502	480
850	300	2000	279	270	262
850	400	2000	330	303	290
850	600	2000	389	377	356
850	800	2000	447	426	408
1000	300	2000	299	288	279
1000	400	2000	330	329	312
1000	600	2000	394	382	371
1000	800	2000	455	432	413
1100	300	2000	316	316	304
1100	400	2000	350	345	340
1100	600	2000	418	404	392
1100	800	2000	485	460	438
1200	300	2000	334	331	329
1200	400	2000	372	366	361
1200	600	2000	444	428	415
1200	800	2000	517	488	464
1350	300	2000	362	358	356
1350	400	2000	405	398	392
1350	600	2000	485	467	451
1350	800	2000	571	536	508

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP55 Non ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	488	455	427
850	400	1400	576	569	514
850	600	1400	699	667	640
850	800	1400	835	775	725
1000	300	1400	570	562	552
1000	400	1400	642	626	613
1000	600	1400	785	747	714
1000	800	1400	901	880	816
1100	300	1400	611	602	594
1100	400	1400	689	671	656
1100	600	1400	850	806	768
1100	800	1400	939	916	886
1200	300	1400	654	644	635
1200	400	1400	739	719	702
1200	600	1400	884	872	827
1200	800	1400	979	954	931
1350	300	1400	725	713	702
1350	400	1400	825	800	778
1350	600	1400	936	922	910
1350	800	1400	1042	1013	988
850	300	1600	529	539	493
850	400	1600	599	581	565
850	600	1600	755	711	673
850	800	1600	876	848	777
1000	300	1600	595	584	573
1000	400	1600	684	662	642
1000	600	1600	843	813	765
1000	800	1600	943	913	895
1100	300	1600	644	630	618
1100	400	1600	745	719	695
1100	600	1600	882	865	835
1100	800	1600	990	957	928
1200	300	1600	702	686	672
1200	400	1600	812	781	754
1200	600	1600	923	905	888
1200	800	1600	1039	1003	971
1350	300	1600	785	776	758
1350	400	1600	858	852	855
1350	600	1600	987	966	947
1350	800	1600	1117	1076	1039
850	300	1800	558	544	532
850	400	1800	633	608	586
850	600	1800	802	762	710
850	800	1800	909	874	838
1000	300	1800	631	614	598
1000	400	1800	730	698	671
1000	600	1800	870	849	826
1000	800	1800	990	949	914

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	357	333	312
850	400	1400	422	416	376
850	600	1400	511	488	468
850	800	1400	611	567	530
1000	300	1400	417	411	404
1000	400	1400	469	458	448
1000	600	1400	574	546	522
1000	800	1400	659	644	597
1100	300	1400	447	440	435
1100	400	1400	504	491	480
1100	600	1400	622	590	562
1100	800	1400	687	670	648
1200	300	1400	478	471	465
1200	400	1400	541	526	513
1200	600	1400	647	638	605
1200	800	1400	716	698	681
1350	300	1400	530	521	513
1350	400	1400	603	585	569
1350	600	1400	685	674	666
1350	800	1400	762	741	723
850	300	1600	387	395	360
850	400	1600	438	425	413
850	600	1600	552	520	492
850	800	1600	641	620	568
1000	300	1600	435	426	419
1000	400	1600	500	484	469
1000	600	1600	616	594	560
1000	800	1600	690	668	654
1100	300	1600	471	461	452
1100	400	1600	545	526	509
1100	600	1600	646	633	611
1100	800	1600	724	700	679
1200	300	1600	513	502	491
1200	400	1600	594	571	551
1200	600	1600	675	661	650
1200	800	1600	760	733	710
1350	300	1600	575	568	554
1350	400	1600	628	623	625
1350	600	1600	722	706	693
1350	800	1600	817	787	760
850	300	1800	408	398	389
850	400	1800	463	445	429
850	600	1800	586	557	520
850	800	1800	665	640	613
1000	300	1800	461	449	437
1000	400	1800	534	511	490
1000	600	1800	636	621	604
1000	800	1800	724	694	669

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
850	300	1400	178	166	155
850	400	1400	210	207	187
850	600	1400	255	243	234
850	800	1400	305	283	264
1000	300	1400	208	205	201
1000	400	1400	234	228	224
1000	600	1400	286	272	260
1000	800	1400	329	321	298
1100	300	1400	223	220	217
1100	400	1400	251	245	239
1100	600	1400	310	294	280
1100	800	1400	343	334	323
1200	300	1400	238	235	232
1200	400	1400	270	262	256
1200	600	1400	322	318	302
1200	800	1400	357	348	340
1350	300	1400	264	260	256
1350	400	1400	301	292	284
1350	600	1400	341	336	332
1350	800	1400	380	370	360
850	300	1600	193	197	180
850	400	1600	218	212	206
850	600	1600	275	259	246
850	800	1600	319	309	283
1000	300	1600	217	213	209
1000	400	1600	250	241	234
1000	600	1600	307	296	279
1000	800	1600	344	333	326
1100	300	1600	235	230	225
1100	400	1600	272	262	254
1100	600	1600	322	316	304
1100	800	1600	361	349	338
1200	300	1600	256	250	245
1200	400	1600	296	285	275
1200	600	1600	337	330	324
1200	800	1600	379	366	354
1350	300	1600	286	283	276
1350	400	1600	313	311	312
1350	600	1600	360	352	345
1350	800	1600	407	392	379
850	300	1800	203	198	194
850	400	1800	230	222	214
850	600	1800	292	278	259
850	800	1800	332	319	306
1000	300	1800	230	224	218
1000	400	1800	266	255	245
1000	600	1800	317	310	301
1000	800	1800	361	346	333

Power Loss

Max. power loss Pv [W] that can be installed, depending on the size of the enclosure and taking into account the set-up type

Calculation according to IEC TR 60890

No horizontal partitions

IP55 Non ventilated

Ambient temperature: **25°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	692	672	654
1100	400	1800	786	775	742
1100	600	1800	918	894	873
1100	800	1800	1046	1002	963
1200	300	1800	745	736	715
1200	400	1800	827	817	817
1200	600	1800	966	941	918
1200	800	1800	1106	1057	1014
1350	300	1800	805	801	798
1350	400	1800	891	880	870
1350	600	1800	1044	1014	988
1350	800	1800	1204	1147	1096
850	300	2000	588	570	553
850	400	2000	673	640	611
850	600	2000	821	797	754
850	800	2000	946	902	863
1000	300	2000	682	659	637
1000	400	2000	756	752	714
1000	600	2000	901	873	848
1000	800	2000	1042	989	944
1100	300	2000	721	721	695
1100	400	2000	799	787	777
1100	600	2000	956	925	898
1100	800	2000	1110	1052	1001
1200	300	2000	763	756	751
1200	400	2000	851	837	825
1200	600	2000	1015	980	950
1200	800	2000	1184	1118	1062
1350	300	2000	826	819	813
1350	400	2000	926	910	896
1350	600	2000	1109	1069	1033
1350	800	2000	1306	1228	1161

Ambient temperature: **35°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	506	491	478
1100	400	1800	575	567	543
1100	600	1800	671	654	639
1100	800	1800	765	733	704
1200	300	1800	545	538	522
1200	400	1800	605	598	597
1200	600	1800	707	688	671
1200	800	1800	809	773	742
1350	300	1800	589	586	583
1350	400	1800	652	643	637
1350	600	1800	764	742	723
1350	800	1800	881	839	802
850	300	2000	430	416	404
850	400	2000	492	468	447
850	600	2000	600	582	551
850	800	2000	691	659	631
1000	300	2000	499	481	466
1000	400	2000	553	550	522
1000	600	2000	658	638	620
1000	800	2000	762	723	690
1100	300	2000	527	527	509
1100	400	2000	584	576	568
1100	600	2000	699	676	656
1100	800	2000	812	769	732
1200	300	2000	557	553	549
1200	400	2000	622	612	604
1200	600	2000	742	717	694
1200	800	2000	866	818	776
1350	300	2000	604	599	594
1350	400	2000	677	666	655
1350	600	2000	811	781	755
1350	800	2000	955	898	849

Ambient temperature: **50°C**

Dimensions [mm]			Max. power loss Pv [W]		
W	D	H	Stand-alone enclosure	End enclosure	Center enclosure
1100	300	1800	252	245	238
1100	400	1800	287	283	271
1100	600	1800	335	326	319
1100	800	1800	382	365	351
1200	300	1800	272	268	261
1200	400	1800	302	298	298
1200	600	1800	352	343	335
1200	800	1800	403	386	370
1350	300	1800	294	292	291
1350	400	1800	325	321	317
1350	600	1800	381	370	360
1350	800	1800	439	418	400
850	300	2000	214	208	202
850	400	2000	254	233	223
850	600	2000	299	290	274
850	800	2000	344	328	314
1000	300	2000	249	240	232
1000	400	2000	275	274	260
1000	600	2000	328	318	309
1000	800	2000	379	360	344
1100	300	2000	263	263	254
1100	400	2000	292	287	283
1100	600	2000	348	337	327
1100	800	2000	404	383	365
1200	300	2000	278	276	274
1200	400	2000	310	305	301
1200	600	2000	370	357	346
1200	800	2000	431	407	387
1350	300	2000	301	299	296
1350	400	2000	338	332	327
1350	600	2000	404	389	376
1350	800	2000	476	447	423

Loss factors for horizontal separation panels:

Number of internal horizontal separation panels	0	1	2	3
Loss factor of Pv	1	0.94	0.84	0.72

Technical Data**Enclosure Data**

Degree of protection	IP31, IP42 and IP55 with closed doors IP2XB with open doors
Mechanical impact	IK10 for steel covers/doors
Form of separation	Up to Form 4b (IEC 61439-2 Annex AA) Up to Form 4b, Type 6 (BS EN 61439-2 Annex AA)
Type of enclosure	Metal
Cable connection	Top and bottom
Lock mechanism	Espagnolette lock with 2 or 4-point locking and turn-lock 3 mm two-way key bit
Sheet steel thickness	Door and frame = 2 mm, Rear, side and top panels = 1.5 mm

Busbar systems Data

Rated voltage (U_n):	400/415 V
Rated frequency (f):	50/60 Hz

Main busbars back and top (MBB, MBF, MBT)**ACB feeder/outgoing units and Distribution busbars XF****(fixed outgoing section):**

Rated current (I_{nA})	Up to 1600 A
Short circuit withstand rating (I_{cw})	Up to 66 kA /1,0 s;
Short circuit conditional rating (I_{cc})	Up to 66 kA at 415 V;
Rated insulation voltage (U_i)	1000 V
Rated impulse withstand voltage (U_{imp})	12 kV

Fixed units XF (fixed MCCB's)

Rated current (I_{nA})	Up to 1600 A
Short circuit conditional rating (I_{cc})	Up to 66 kA at 415 V
Rated insulation voltage (U_i)	690 / 1000 V
Rated impulse withstand voltage (U_{imp})	Up to 6 / 8 kV

Environmental Data

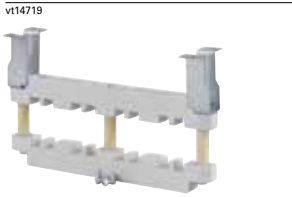
Operation temperature range	-5...35°C average; 40°C peak
Humidity	50 % at 40°C (non-condensing), 90% at 20°C (non-condensing)
Altitude	2000 m
Pollution degree	3
Indoor/outdoor operation	Indoor
EMC environment (imm./em)	Environment A

Summary of design verification

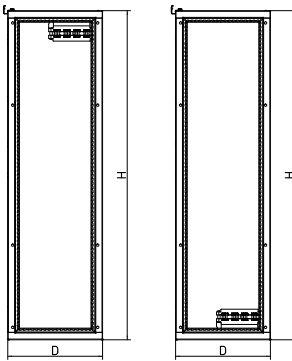
The verification of the low-voltage switchgear and control gear assembly is done in conformity with IEC/EN continue with IEC/EN and complies with all clauses listed below.

Construction	
Clause 10.2	Strength of materials and parts
Clause 10.2.2	Verification of resistance to corrosion
Clause 10.2.3	Properties of insulating materials
Clause 10.2.5	Lifting
Clause 10.2.6	Mechanical impact
Clause 10.2.7	Marking
Clause 10.3	Degree of protection of assembly
Clause 10.4	Clearances and creepage distances
Clause 10.5	Protection against electric shock and integrity of protective circuits
Clause 10.6*	Incorporation of switching devices and components
Clause 10.7	Internal electrical circuits and connections
Clause 10.8	Terminals for external conductors
Performance	
Clause 10.9	Dielectric properties
Clause 10.10	Verification of temperature rise
Clause 10.10.2.3.7	Verification considering individual functional units and the main and distribution busbars separately as well as the complete assembly
Clause 10.11	Short-circuit withstand strength
Clause 10.12	Electromagnetic compatibility (EMC)
Clause 10.13	Mechanical operation
Remark	
The design verification was executed at the Prof. Ir Damstra Laboratory in Hengelo/Netherlands and also by I ² PS Laboratory in Bonn/Germany.	
Original Manufacturer:	Eaton Industries GmbH, Austria.
Documentation for ASSEMBLY:	see www.eaton.com
	IL - Assembly manuals for metal construction
	BA - Assembly manuals for busbar connections
	Test results for design verification

**Main Busbar Top (BBT)
Dropper busbar (DBB)**



**Busbar holder type:
XLABT**



Back top and back bottom position

**Dimensions of busbars:
[mm]**

- 2 x 20 x 10
- 2 x 30 x 10
- 2 x 40 x 10
- 2 x 50 x 10
- 2 x 60 x 10

60 x 10 mm Copper bar

Distance [mm]	Middle support [kA]	I_{cw}
350	175	66.0
400	200	55.9
450	225	48.5
500	250	43.0
550	275	38.5
600	300	35.0
650	325	32.0
700	350	29.3
750	375	27.0
800	400	25.2

50 x 10 mm Copper bar

Distance [mm]	Middle support [kA]	I_{cw}
350	175	57.4
400	200	50.0
450	225	44.0
500	250	38.7
550	275	34.1
600	300	30.5
650	325	27.9
700	350	25.5
750	375	23.7
800	400	21.9

40 x 10 mm Copper bar

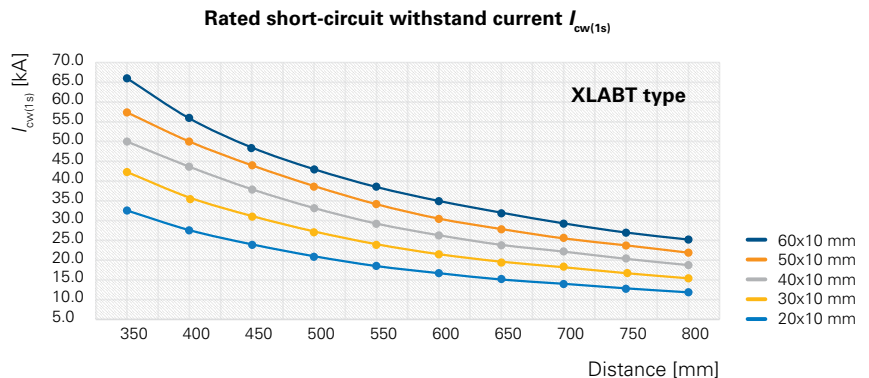
Distance [mm]	Middle support [kA]	I_{cw}
350	175	50.0
400	200	43.6
450	225	37.9
500	250	33.2
550	275	29.2
600	300	26.3
650	325	23.9
700	350	22.2
750	375	20.3
800	400	18.7

30 x 10 mm Copper bar

Distance [mm]	Middle support [kA]	I_{cw}
350	175	42.3
400	200	35.8
450	225	31.2
500	250	27.3
550	275	24.0
600	300	21.5
650	325	19.6
700	350	18.2
750	375	16.7
800	400	15.4

20 x 10 mm Copper bar

Distance [mm]	Middle support [kA]	I_{cw}
350	175	32.6
400	200	27.6
450	225	24.0
500	250	21.0
550	275	18.5
600	300	16.7
650	325	15.1
700	350	14.0
750	375	12.9
800	400	11.9



Main Busbar Top (BBT) in top and bottom position

Phase busbar	Cross section [mm]			Main busbar rated at 25°C		Main busbar rated at normal ambient (35°C)		Main busbar rated at 50°C		Short circuit withstand strength		Supporter	
	Neutral busbar (phase busbar supporter)	Neutral busbar turnable ¹⁾	PE busbar (min.)	Ventilated	Non vent.	Ventilated	Non vent.	Ventilated	Non vent.	I _{cw} (1s)	I _{pk}	Supporter distance	Phase distance
				IP31/IP42	IP55	IP31/IP42	IP55	IP31/IP42	IP55				
[mm]	[mm]	[mm]	[mm]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	[mm]	[mm]
2x60x10										66	145,2	350 ³⁾	60
	2x60x10			1600	1600	1600	1600	1600	1600	66	145,2	350 ³⁾	60
		2x60x10								60	132	375	min. 415 ²⁾
			1x40x10							39,6	83,15	375	n.a
2x50x10										57	125,4	350 ³⁾	60
	2x50x10			1600	1600	1600	1600	1600	1490	57	125,4	350 ³⁾	60
		2x50x10								60	132	375	min. 415 ²⁾
			1x40x10							39,6	83,15	375	n.a
2x40x10										50	105	350 ³⁾	60
	2x40x10			1600	1500	1600	1425	1600	1275	50	105	350 ³⁾	60
		2x40x10								51	112,2	375	min. 415 ²⁾
			1x30x10							n.a	n.a	n.a	n.a
2x30x10										42	88,2	350 ³⁾	60
	2x30x10			1600	1230	1480	1170	1355	1045	42	88,2	350 ³⁾	60
		2x30x10								49,9	104,8	375	min. 415 ²⁾
			1x30x10							n.a	n.a	n.a	n.a
2x20x10										32,6	68,4	350 ³⁾	60
	2x20x10			1245	960	1150	910	1055	815	32,6	68,4	350 ³⁾	60
		2x20x10								33,8	71	375	min. 415 ²⁾
			1x20x10							n.a	n.a	n.a	n.a

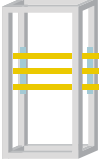
Notes:

- 1) for XLSHN (separate N-Supporter)
- 2) minimum distance to the next phase
- 3) bolt between the supporter

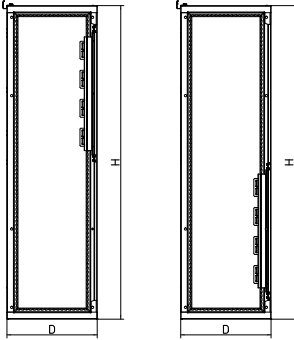
n.a. - not applicable

Main Busbar Flat (BBF)

wa_ren_09019



Busbar holder type: XLABBSB



Back top and back bottom position

Dimensions of busbars [mm]

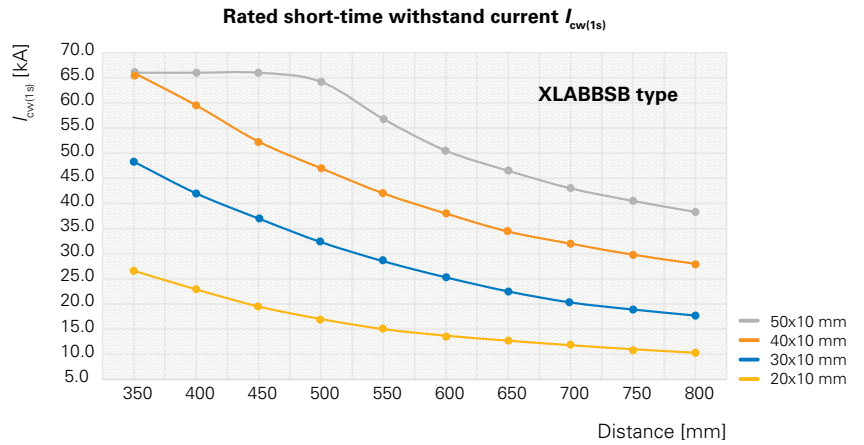
- 2 x 20 x 10
- 2 x 30 x 10
- 2 x 40 x 10
- 2 x 50 x 10

Copper bar [mm]	Distance [mm]	I _{cw} [kA]
50x10mm	350	66.0
50x10mm	400	66.0
50x10mm	450	66.0
50x10mm	500	64.2
50x10mm	550	56.8
50x10mm	600	50.5
50x10mm	650	46.5
50x10mm	700	43.0
50x10mm	750	40.5
50x10mm	800	38.3

Copper bar [mm]	Distance [mm]	I _{cw} [kA]
40x10mm	350	66.0
40x10mm	400	59.5
40x10mm	450	52.3
40x10mm	500	47.0
40x10mm	550	42.0
40x10mm	600	38.0
40x10mm	650	34.4
40x10mm	700	32.0
40x10mm	750	29.8
40x10mm	800	28.0

Copper bar [mm]	Distance [mm]	I _{cw} [kA]
30x10mm	350	48.3
30x10mm	400	42.0
30x10mm	450	37.0
30x10mm	500	32.3
30x10mm	550	28.5
30x10mm	600	25.3
30x10mm	650	22.5
30x10mm	700	20.3
30x10mm	750	18.9
30x10mm	800	17.7

Copper bar [mm]	Distance [mm]	I _{cw} [kA]
20x10mm	350	26.6
20x10mm	400	22.9
20x10mm	450	19.5
20x10mm	500	17.0
20x10mm	550	15.0
20x10mm	600	13.7
20x10mm	650	12.7
20x10mm	700	11.8
20x10mm	750	11.0
20x10mm	800	10.3



Main Busbar Back-Flat (BBF)

Phase busbar	Cross section [mm]			Main busbar rated at 25°C		Main busbar rated at normal ambient (35°C)		Main busbar rated at 50°C		Short circuit withstand strength		Supporter	
	Neutral busbar (phase busbar supporter)	Neutral busbar turnable ¹⁾	PE busbar (min.)	Ventilated	Non vent.	Ventilated	Non vent.	Ventilated	Non vent.	I _{cw} (1s)	I _{pk}	Supporter distance	Phase distance
				IP31/IP42	IP55	IP31/IP42	IP55	IP31/IP42	IP55				
[mm]	[mm]	[mm]	[mm]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	[mm]	[mm]
2x50x10										66	145,2-1	350	185
	2x50x10			1600	1600	1600	1600	1600	1600	66	145,2-1	350	185 ¹⁾ /233 ²⁾
		2x50x10								60	132	375	min. 415 ²⁾
			1x40x10							39,6	83,2	375	n.a
2x40x10										66	145,2-1	350	185
	2x40x10			1600	1385	1600	1340	1510	1260	66	145,2-1	350	185 ¹⁾ /233 ²⁾
		2x40x10								51	112,2	375	min. 415 ²⁾
			1x40x10							39,6	83,2	375	n.a
2x30x10										48	100,8	350	185
	2x30x10			1355	1115	1285	1080	1215	1015	48	100,8	350	185 ¹⁾ /233 ²⁾
		2x30x10								49,9	104,8	375	min. 415 ²⁾
			1x30x10							n.a	n.a	n.a	n.a
2x20x10										26	54,6	350	185
	2x20x10			1005	830	950	800	900	750	26	54,6	350	185 ¹⁾ /233 ²⁾
		2x20x10								33,1	71	375	min. 415 ²⁾
			1x30x10							n.a	n.a	n.a	n.a

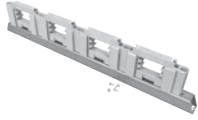
Notes:

- 1) for XLSHN (separate N-Supporter)
- 2) minimum distance to the next phase

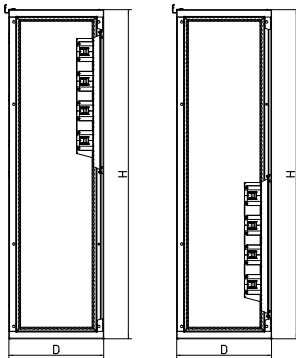
n.a. - not applicable

Main Busbar Back (MBB)

wa_vt04917



Busbar holder type: XBSB



Back top and back bottom position

Dimensions of busbars: [mm]

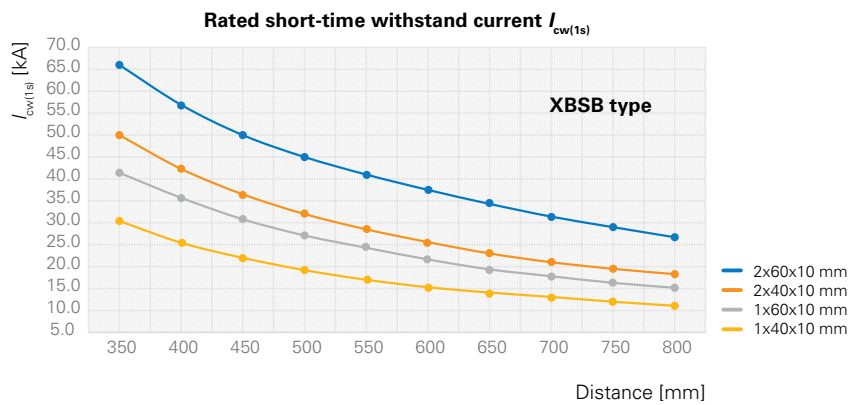
- 2 × 60 × 10
- 2 × 40 × 10
- 1 × 60 × 10
- 1 × 40 × 10

Copper bar [mm]	Distance [mm]	I_{cw} [kA]
2x60x10mm	350	66.0
2x60x10mm	400	56.9
2x60x10mm	450	50.0
2x60x10mm	500	45.0
2x60x10mm	550	41.0
2x60x10mm	600	37.5
2x60x10mm	650	34.3
2x60x10mm	700	31.4
2x60x10mm	750	29.0
2x60x10mm	800	26.7

Copper bar [mm]	Distance [mm]	I_{cw} [kA]
2x40x10mm	350	50.0
2x40x10mm	400	42.3
2x40x10mm	450	36.5
2x40x10mm	500	32.0
2x40x10mm	550	28.5
2x40x10mm	600	25.6
2x40x10mm	650	23.0
2x40x10mm	700	21.0
2x40x10mm	750	19.5
2x40x10mm	800	18.3

Copper bar [mm]	Distance [mm]	I_{cw} [kA]
1x60x10mm	350	41.4
1x60x10mm	400	35.7
1x60x10mm	450	30.8
1x60x10mm	500	27.1
1x60x10mm	550	24.3
1x60x10mm	600	21.6
1x60x10mm	650	19.4
1x60x10mm	700	17.8
1x60x10mm	750	16.3
1x60x10mm	800	15.2

Copper bar [mm]	Distance [mm]	I_{cw} [kA]
1x40x10mm	350	30.4
1x40x10mm	400	25.4
1x40x10mm	450	22.0
1x40x10mm	500	19.2
1x40x10mm	550	17.0
1x40x10mm	600	15.3
1x40x10mm	650	14.1
1x40x10mm	700	13.1
1x40x10mm	750	12.0
1x40x10mm	800	11.1



Main Busbar Back (MBB)

(busbar holder type: XBSB)

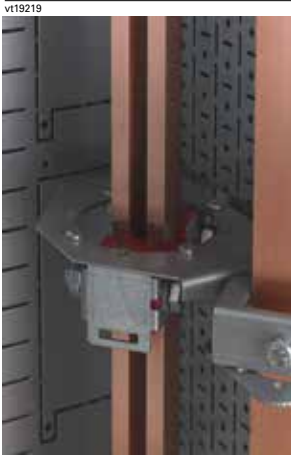
Phase busbar	Cross section [mm]			Main busbar rated at 25°C		Main busbar rated at normal ambient (35°C)		Main busbar rated at 50°C		Short circuit withstand strength		Supporter	
	Neutral busbar (phase busbar supporter)	Neutral busbar turnable ¹⁾	PE busbar (min.)	Ventilated	Non vent.	Ventilated	Non vent.	Ventilated	Non vent.	I _{cw} (1s)	I _{pk}	Supporter distance	Phase distance
	[mm]	[mm]	[mm]	IP31/IP42	IP55	IP31/IP42	IP55	IP31/IP42	IP55	[kA]	[kA]	[mm]	[mm]
2x60x10										66	143	350	180
	2x60x10			1600	1600	1600	1600	1600	1600	66	143	350	180
		2x60x10								60	132	375	min. 415 ²⁾
			1x40x10							39	81,9	375	n.a
2x40x10										50	105	350	180
	2x40x10			1600	1350	1600	1280	1600	1200	50	105	350 ¹⁾	180
		2x40x10								51	112,2	375	min. 415 ²⁾
			1x40x10							39	81,9	375	n.a
1x60x10										41	86	350	180
	1x60x10			1350	1030	1315	970	1220	915	41	86	350	180
		2x30x10								49,9	104,8	375	min. 415 ²⁾
			1x30x10							n.a	n.a	n.a	n.a
1x40x10										30	63	350	180
	1x40x10			975	750	955	705	885	665	30	63	350	180
		2x20x10								33,8	71	375	min. 415 ²⁾
			1x30x10							n.a	n.a	n.a	n.a

Notes:

- 1) for XLSHN (separate N-Supporter)
- 2) minimum distance to the next phase

n.a. - not applicable

N Busbar (rotatable)

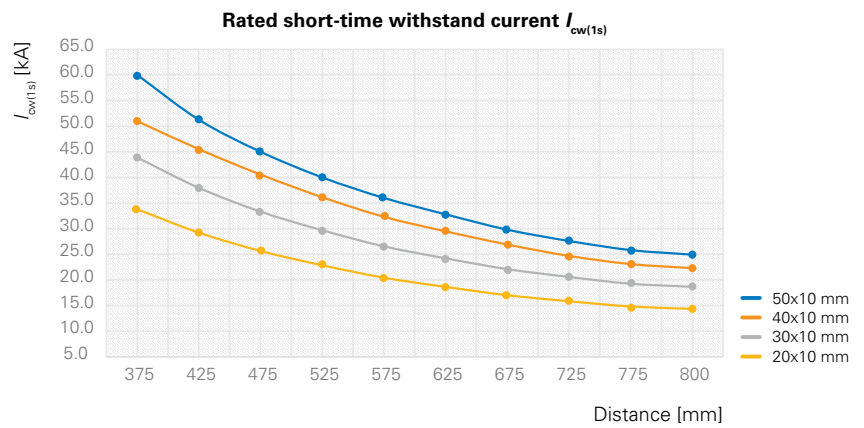


Copper bar [mm]	Distance [mm]	I_{cw} [kA]
50x10mm	375	60.0
50x10mm	425	51.2
50x10mm	475	45.0
50x10mm	525	40.0
50x10mm	575	36.0
50x10mm	625	32.8
50x10mm	675	29.8
50x10mm	725	27.6
50x10mm	775	25.8
50x10mm	800	24.9

Copper bar [mm]	Distance [mm]	I_{cw} [kA]
40x10mm	375	51.0
40x10mm	425	45.5
40x10mm	475	40.6
40x10mm	525	36.1
40x10mm	575	32.3
40x10mm	625	29.5
40x10mm	675	26.9
40x10mm	725	24.7
40x10mm	775	23.1
40x10mm	800	22.3

Copper bar [mm]	Distance [mm]	I_{cw} [kA]
30x10mm	375	43.9
30x10mm	425	38.0
30x10mm	475	33.3
30x10mm	525	29.7
30x10mm	575	26.6
30x10mm	625	24.2
30x10mm	675	22.1
30x10mm	725	20.6
30x10mm	775	19.3
30x10mm	800	18.7

Copper bar [mm]	Distance [mm]	I_{cw} [kA]
20x10mm	375	33.8
20x10mm	425	29.2
20x10mm	475	25.7
20x10mm	525	22.9
20x10mm	575	20.4
20x10mm	625	18.6
20x10mm	675	17.0
20x10mm	725	15.8
20x10mm	775	14.8
20x10mm	800	14.4



Vertical/ Dropper busbar system DBB for XF section

Connection to main busbar back BBB and MBF with solid copper

Cross section			Main busbars rated at 25°C		Main busbars rated at normal ambient (35°C)		Main busbars rated at 50°C		Short circuit withstand strength		Supporter						
Phase Busbar	Neutral Busbar	PE Busbar	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	I _{cw} (1s)	I _{pk}	Supporter distance	Phase distance					
[mm]	[mm]	[mm]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	[mm]	[mm]					
2x60x10			1600	1600	1600	1600	1600	1600	66	145,2	350	60					
	2x60x10													39,6	83,15	350	60
		1x60x10												39,6	83,15	400	n.a
2x50x10			1600	1600	1600	1600	1600	1600	57	125,4	350	60					
	2x50x10													34,1	71,8	350	60
		1x50x10												39,6	83,15	400	n.a
2x40x10			1600	1600	1600	1520	1600	1390	50	105	350	60					
	2x40x10													30	63	350	60
		1x40x10												n.a	n.a	400	n.a
2x30x10			1570	1235	1430	1250	1355	1145	42	88,2	350	60					
	2x30x10													25,4	52,9	350	60
		1x30x10												n.a	n.a	n.a	n.a
2x20x10			1225	960	1110	970	1055	890	32,6	68,4	350	60					
	2x20x10													19,5	39,1	350	60
		1x30x10												n.a	n.a	n.a	n.a

n.a. - not applicable

Connection with a conductor with temperature limit of 105°C

Cross section [mm]			Main busbars rated at 25°C		Main busbars rated at normal ambient (35°C)		Main busbars rated at 50°C		Short circuit withstand strength		Supporter						
Phase Busbar	Neutral Busbar	PE Busbar	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	I _{cw} (1s)	I _{pk}	Supporter distance	Phase distance					
[mm]	[mm]	[mm]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	[mm]	[mm]					
2x60x10			1600	1450	1600	1410	1725	1290	66	145,2	350	60					
	2x60x10													39,6	83,15	350	60
		1x60x10												39,1	83,15	400	n.a
2x50x10			1600	1275	1600	1240	1515	1130	57	125,4	350	60					
	2x50x10													34,2	71,8	350	60
		1x50x10												39,6	83,15	400	n.a
2x40x10			1500	1090	1365	1060	1295	965	50	105	350	60					
	2x40x10													30	63	350	60
		1x40x10												n.a	n.a	400	n.a
2x30x10			1230	895	1121	870	1065	795	42	88,2	350	60					
	2x30x10													25,4	52,9	350	60
		1x30x10												n.a	n.a	n.a	n.a
2x20x10			960	695	870	675	830	620	32,6	68,4	350	60					
	2x20x10													19,5	39,1	350	60
		1x30x10												n.a	n.a	n.a	n.a

n.a. - not applicable

Connection of isolated conductors to dropper bars

vt18919



Connection with a conductor with a temperature limit of 70°C

Cross section [mm]			Main busbar rated at 25°C		Main busbar rated at normal ambient (35°C)		Main busbar rated at 50°C		Short circuit withstand strength		Supporter	
Phase Busbar	Neutral Busbar	PE Busbar	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	lcw (1s)	IpK	Supporter distance	Phase distance
[mm]	[mm]	[mm]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	[mm]	[mm]
2x60x10			1250	700	1135	560	1080	510	66	145,2	350	60
2x60x10		39,6							83,15	350	60	
1x60x10		39,6							83,15	400	n.a	
2x50x10			1100	615	1000	490	950	445	57	125,4	350	60
2x50x10		34,2							71,8	350	60	
1x50x10		39,6							83,15	400	n.a	
2x40x10			940	525	855	420	810	380	50	105	350	60
2x40x10		30							63	350	60	
1x40x10		n.a							n.a	400	n.a	
2x30x10			770	431	700	345	665	315	42	88,2	350	60
2x30x10		25,4							52,9	350	60	
1x30x10		n.a							n.a	n.a	n.a	
2x20x10			600	335	545	270	520	245	32,6	68,4	350	60
2x20x10		19,5							39,1	350	60	
1x30x10		n.a							n.a	n.a	n.a	

n.a. - not applicable

Vertical / Dropper Busbar system (DBB) for XF connected to Main Busbar Top (MBT)

Connected with solid copper

Cross section [mm]			Main busbar rated at 25°C		Main busbar rated at normal ambient (35°C)		Main busbar rated at 50°C		Short circuit withstand strength		Supporter	
Phase Busbar	Neutral Busbar	PE Busbar	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	Ventilated IP31/IP42	Non vent. IP55	lcw (1s)	IpK	Supporter distance	Phase distance
[mm]	[mm]	[mm]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	[mm]	[mm]
2x60x10			1600	1600	1600	1600	1600	1600	66	145,2	350	60
2x60x10		39,6							83,15	350	60	
1x60x10		39,6							83,15	400	n.a	
2x50x10			1600	1600	1600	1600	1600	1495	57	125,4	350	60
2x50x10		34,2							71,8	350	60	
1x50x10		39,6							83,15	400	n.a	
2x40x10			1600	1600	1600	1600	1600	1275	50	105	350	60
2x40x10		30							63	350	60	
1x40x10		n.a							n.a	400	n.a	
2x30x10			1510	1200	1450	1170	1350	1050	42	88,2	350	60
2x30x10		25,4							52,9	350	60	
1x30x10		n.a							n.a	n.a	n.a	
2x20x10			1175	935	1130	910	1055	815	32,6	68,4	350	60
2x20x10		19,5							39,1	350	60	
1x30x10		n.a							n.a	n.a	n.a	

Notes:

1) bolt between the supporter

n.a. - not applicable

Busbar holder type:

XLABT
[mm]

- 2 × 20 × 10
- 2 × 30 × 10
- 2 × 40 × 10
- 2 × 50 × 10
- 2 × 60 × 10

Connection between top busbars (MBT) and dropper busbars (DBB)



The power section XP with Air Circuit Breaker (ACB) ACBs

Type of ACB Form 4b	Size of enclosure [mm]	Busbar connection [mm]	Main busbar rated at 25°C		Main busbar rated at normal ambient (35°C)		Main busbar rated at 50°C		Short circuit strenght	
			Ventilated	Non vent.	Ventilated	Non vent.	Ventilated	Non vent.	I _{cw}	I _{cc}
			IP31/IP42	IP55	IP31/IP42	IP55	IP31/IP42	IP55	1 s	at 415 V
[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	
IZMX 16 800A	425 x 400 x 1600	2x50x10 (L1/L3) 2x60x10 (L2)	800	800	800	800	800	800	42	50 ¹⁾
IZMX 16 1000A	425 x 400 x 1600	2x50x10 (L1/L3) 2x60x10 (L2)	1000	1000	1000	1000	1000	1000	42	50 ¹⁾
IZMX 16 1250A	425 x 400 x 1600	2x50x10 (L1/L3) 2x60x10 (L2)	1250	1240	1250	1190	1175	1050	42	50 ¹⁾
IZMX 16 1600A	425 x 400 x 1600	2x50x10 (L1/L3) 2x60x10 (L2)	1400	1240	1300	1190	1175	1050	42	50 ¹⁾
IZMX 40 800A	600 x 600 x 1800	1x80x10	800	800	800	800	800	800	66	66
IZMX 40 1000A	600 x 600 x 1800	1x80x10	1000	1000	1000	1000	1000	1000	66	66
IZMX 40 1250A	600 x 600 x 1800	1x80x10	1250	1250	1250	1250	1250	1250	66	66
IZMX 40 1600A	600 x 600 x 1800	1x80x10	1600	1600	1600	1600	1550	1516	66	66

Power section XP with ACB up to 1600 A (IZMX16 series)



The power section XP with Moulded Case Circuit Breaker (MCCB)

Type of MCCB Form 4b	Fixed / withdrawable	Minimal size of enclosure WxDxH [mm]	Busbar connection [mm]	Main busbar rated at 25°C		Main busbar rated at normal ambient (35°C)		Main busbar rated at 50°C		Short circuit strenght	
				Ventilated	Non vent.	Ventilated	Non vent.	Ventilated	Non vent.	I _{cw}	I _{cc}
				IP31/IP42	IP55	IP31/IP42	IP55	IP31/IP42	IP55	1 s	at 415 V
[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[kA]	[kA]	
NZM 3 250 A	fixed	425 x 400 x 1400	1x30x10	250	250	250	250	250	250	3,3	66
NZM 3 400 A	fixed	425 x 400 x 1400	1x30x10	400	400	400	400	400	400	3,3	66
NZM 3 500 A	fixed	425 x 400 x 1400	1x30x10	500	500	500	500	500	400	3,3	66
NZM 3 630 A	fixed	425 x 400 x 1400	1x30x10	602	529	559	559	518	400	3,3	66
NZM 3 250 A	withdrawable	425 x 400 x 1400	1x30x10	250	250	250	250	250	250	3,3	66
NZM 3 400 A	withdrawable	425 x 400 x 1400	1x30x10	400	400	400	400	400	348	3,3	66
NZM 3 630 A	withdrawable	425 x 400 x 1400	1x30x10	524	460	486	486	451	348	3,3	66
NZM 4 630 A	fixed	425 x 400 x 1400	2x50x10	630	630	630	630	630	630	19,2	50
NZM 4 800 A	fixed	425 x 400 x 1400	2x50x10	800	800	800	800	800	800	19,2	50
NZM 4 1000 A	fixed	425 x 400 x 1400	2x50x10	1000	1000	1000	1000	1000	811	19,2	50
NZM 4 1250 A	fixed	425 x 400 x 1400	2x50x10	1250	1250	1250	1088	1088	811	19,2	50
NZM 4 1600 A	fixed	425 x 400 x 1400	2x50x10	1350	1350	1260	1088	1088	811	19,2	50
NZM 4 630 A	withdrawable	425 x 400 x 1400	2x50x10	630	630	630	630	630	630	19,2	50
NZM 4 800 A	withdrawable	425 x 400 x 1400	2x50x10	800	800	800	800	800	795	19,2	50
NZM 4 1000 A	withdrawable	425 x 400 x 1400	2x50x10	1000	1000	1000	1000	1000	795	19,2	50
NZM 4 1250 A	withdrawable	425 x 400 x 1400	2x50x10	1250	1250	1250	1066	1066	795	19,2	50
NZM 4 1600 A	withdrawable	425 x 400 x 1400	2x50x10	1323	1323	1235	1066	1066	795	19,2	50

Distribution sections XF fixed type, outgoing units with single MCCB outgoing units

Outgoing module [nominal rating]	Rated currents at normal ambient 35°C [A]			Rated currents at 50°C [A]			Rated conditional short-circuit current I _{cc} at 415V [kA]
	Ventilated	Non vent.		Ventilated	Non vent.		
	IP31 top vent.	IP42 top vent.	IP55	IP31 top vent.	IP42 top vent.	IP55	
NZM1 – feeder	130	130	116	100	100	90	50
NZM2 – feeder	210	210	176	176	176	176	80
NZM3 – feeder (flexibar)	430	420	280	340	340	280	80

System Overview

Eaton Online Katalog - find product details quickly and efficiently!

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Online Catalogue

Lookup

You can search by keywords, product names, article numbers, technical data: The search understands everything and takes you straight to the product you're looking for.

Graphical navigation

Graphical representation of the fields of application and product groups.

Selection aids

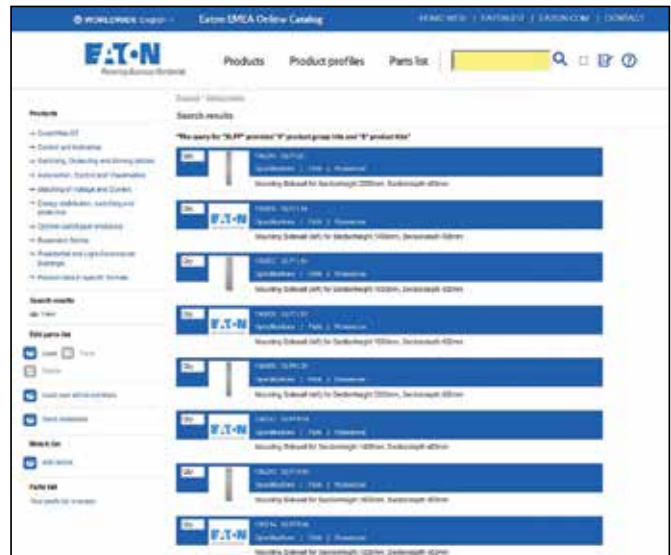
Tailored to the typical expert's approach, this search aid helps you quickly find the product you need.

Data sheets

For every article the catalog can generate a technical data sheet, which you can convert to a PDF file for printing or saving with a single click.

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From your search results you can create a parts list that you can then send to your Eaton sales partner as a query.



Parts list, e.g. for queries to Eaton Sales.

Eaton xEnergy Configurator - makes it easy to configure your product!

The Eaton configurator helps you by assembling the switchboard systems by keeping all standards.

If you are interested, please contact your local Eaton representative.



Eaton Temperature Calculator Tool - temperature rise verification by calculation!

Calculating the temperature rise within the switchgear and controlgear assembly: Calculate power loss of all circuits including the internal conductor on the basis of the rated current. Power loss of the switchgear and controlgear assembly is calculated by adding up the power losses of the circuit (total load current is limited to the rated current of the switchgear and controlgear assembly).



Design verification

The purpose of a design verification is to verify that the design of the switchgear and controlgear assembly meets the requirements of IEC 61439 standard. If the switchgear and controlgear assembly has been tested in accordance with the IEC 61439 by original manufacturer and the test results meet the respective requirements, the corresponding requirements do not need to be verified again by assembly manufacturer.

The three different verification options are available:

- Testing
- Comparison with reference design (derivation from similar tested variants)
- Assessment (calculations).

If the switchgear and controlgear assembly has been tested in accordance with the IEC 61439 series of standards, and the test results meet the requirements in the applicable part of IEC 61439, the corresponding requirements do not need to be verified again.

Low-voltage switchgear and controlgear assemblies

Low-voltage switchgear and controlgear assemblies are classified as electrical equipment because they contain power switches, circuit breakers, residual current circuit breakers, wires, terminals, etc. If we look to Europe, such equipment is subject to the relevant European directives (CE Directives) which are an absolute prerequisite for legal distribution within the European Union.

Important for Europe!

- The manufacturer of the switchgear and controlgear assembly must perform a corresponding conformity assessment procedure and issue an EC Declaration of Conformity. With this declaration, the assembly manufacturer confirms that his product (ASSEMBLY) meets the essential requirements of all EU directives.
A false statement can result in far-reaching legal and economic consequences for the Assembly manufacturer.

Basic standards related to low-voltage assemblies

- IEC 62208 Empty enclosures for low-voltage switchgear and controlgear assemblies
- IEC 61439 Low-voltage switchgear and controlgear assemblies
- IEC 60529 Degrees of protection provided by enclosures (IP code)
- IEC 62262 Degrees of protection provided by enclosures regarding external mechanical impact (IK code)
- IEC 60364-4-41 Protection against electric shock.
- etc.

IEC 62208 applies to empty enclosures and specifies general definitions, classifications, characteristics and test requirements of enclosures to be used as part of switchgear and controlgear assemblies (in accordance with the IEC 61439 series).

Compliance with the safety requirements of the applicable product standard is the responsibility of the assembly manufacturer.

Note: The term "enclosure" is used for empty enclosure. Alternative terms are boxes, cubicles, desks or cabinets for enclosures.

IEC 61439 applies to low-voltage switchgear and controlgear assemblies.

The IEC 61439 standard contains several parts:

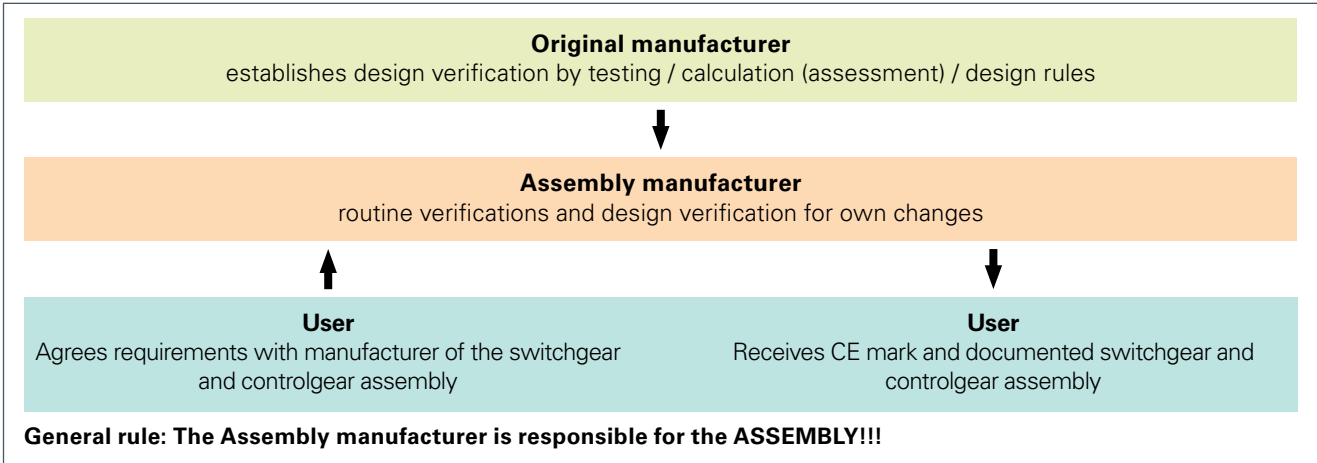
- **IEC 61439-1 General rules**
- **IEC 61439-2 Power switchgear and controlgear assemblies (PSC)**
- **IEC 61439-3** Distribution boards intended to be operated by ordinary persons (DBO)
- **IEC 61439-4** Particular requirements for assemblies for construction sites (ACS)
- **IEC 61439-5** Assemblies for power distribution in public networks
- **IEC 61439-6** Busbar trunking systems / busways (BTS)
- **IEC 61439-7** Assemblies for specific applications such as marinas, camping sites, market squares, electrical vehicles charging stations

Additionally is available also IEC/TR 61439-0 Guidance to specifying assemblies. This Technical Report (Planning Guide) explains the series of standards IEC 61439 (Part 1-7).

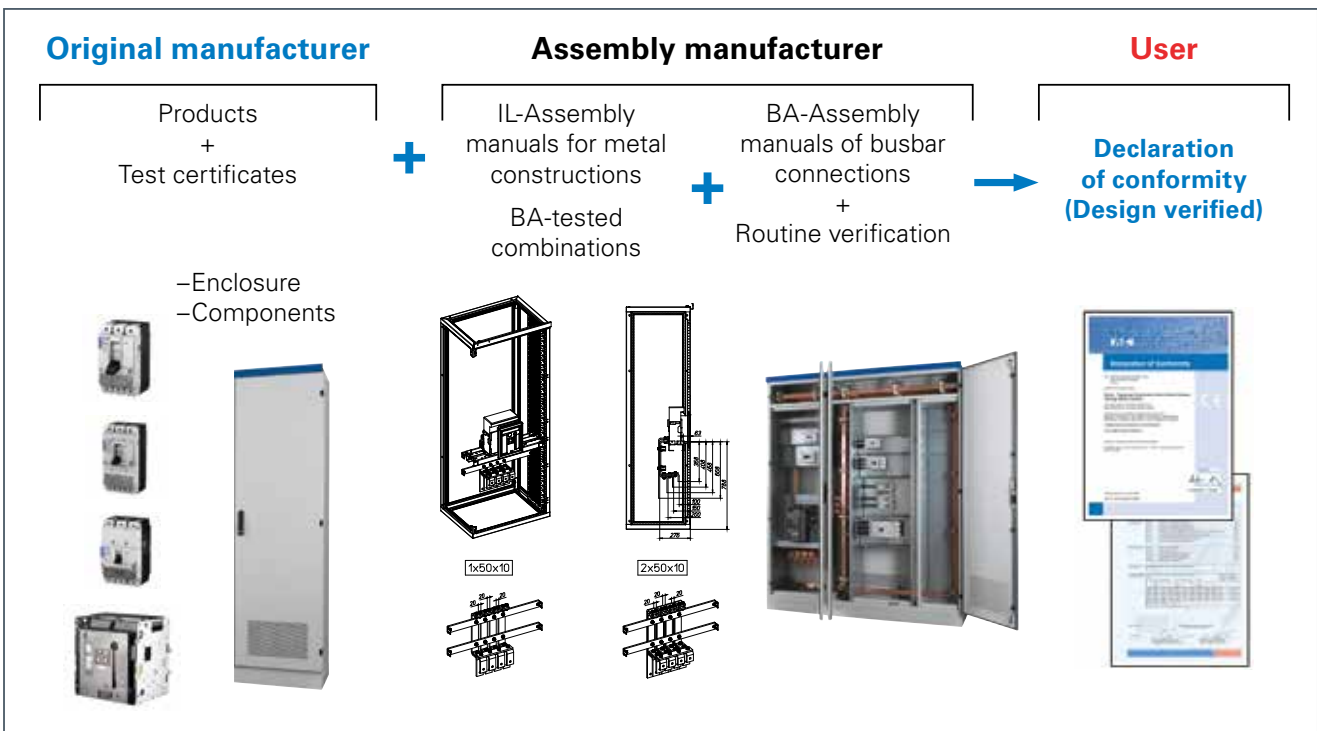
All of above mentioned product standards (IEC 62208, IEC 61439, 60529, IEC 62262) are published in Europe as an EN versions, in local languages (DIN EN, BS EN, ČSN EN etc.). IEC and EN versions are identical in this case.

Responsibility of manufacturers and users according to IEC 61439-1/2

In order to have clear a definition of roles in the assembly process, it is necessary to respect the basic definition of the responsibilities of the Original manufacturer, Assembly manufacturer and User.



Responsibilities and tasks of the Original manufacturer, Assembly manufacturer and User



System name: xEnergy Light
Original manufacturer: Eaton
Assembly manufacturer: Panel builder

xEnergy Light as an example of assembly responsibilities

Characteristic to be verified		Verification options available		
		Testing	Comparison with reference design	Assessment (Calculations)
10.2	Strength of material and parts	Yes	No	No
10.3	Degree of protection of enclosures	Yes	No	Yes
10.4	Clearances and creepage distances	Yes	Yes	Yes
10.5.2	Effective continuity between parts and PE	Yes	No	No
10.5.3	Effectiveness of the ASSEMBLY for external faults	Yes	Yes	No
10.6	Incorporating of apparatus	No	No	Yes
10.7	Internal electrical circuits and connections	No	No	Yes
10.8	Terminals for external conductors	No	No	Yes
10.9.2	Power frequency withstand voltage	Yes	No	No
10.9.3	Impulse withstand voltage	Yes	No	Yes
10.10	Temperature rise limits	Yes	Yes	Yes
10.11	Short-circuit withstand strength	Yes	Yes	No
10.12	EMC	Yes	No	Yes
10.13	Mechanical operation	Yes	No	No

List of Design Verifications (according to IEC 60439-1)

Design verification can be split to:

- a) construction (cl. 10.2 - cl. 10.8)
- b) performance (cl. 10.9 - cl. 10.13)

The most important design verifications are:

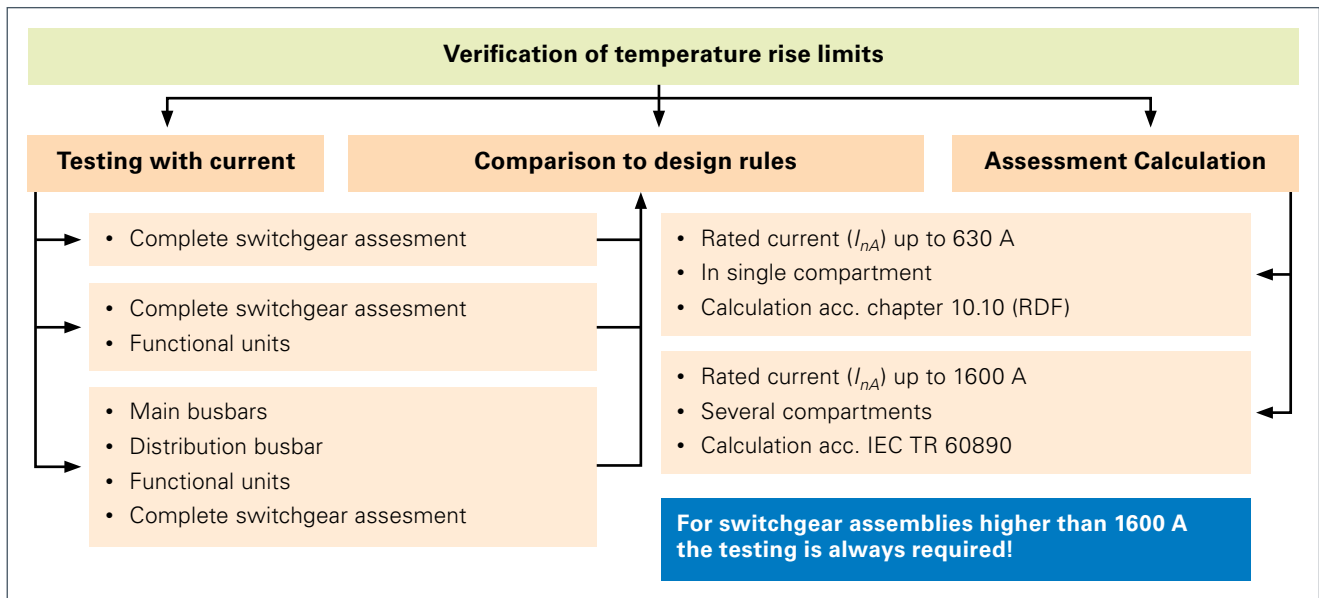
- Temperature rise limits (clause 10.10 of IEC 61439-1)
- Short-circuit rating, applicable also for replacing of protective devices (clause 10.11)

Verification of temperature rise limit (clause 10.10)

A heat dissipation capability of enclosure is depending mainly on IP rating (Ventilation), arrangement or size of enclosure and on ambient temperature. The original manufacturer must verify that the heat generated in the switchgear and controlgear assembly do not exceed the upper allowed limits.

Three different methods of temperature rise verification are allowed (see the table: List of design verifications):

- a) Testing with current
- b) Comparison with reference design (derivation from similar tested variants)
- c) Assessment (calculations)



Verification of temperature rise limits (IEC 61439-2)

Rated Diversity Factor (RDF) for single compartments up to 630 A

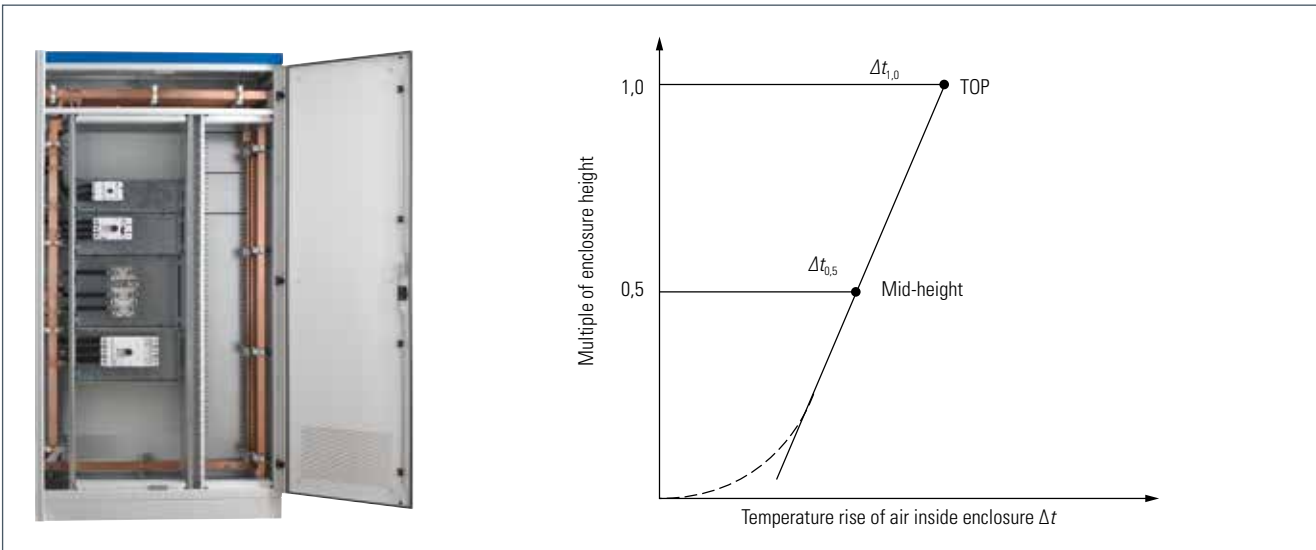
In practice it is recognised that not all circuits in an assembly operate at rated current continuously and this allows efficient use of materials and resources. It can be declared for groups of circuits or for the whole assembly.

The RDF must be assigned by the assembly manufacturer. If not specified, it is assumed to be equal to 1.

Type of load / number of outgoing circuits	Assued load factor
Energy distribution: 2 and 3	0.9
Energy distribution: 4 and 5	0.8
Energy distribution: 6 up to and including 9	0.7
Energy distribution: 10 (and more)	0.6
Electric actuator	0.2
Motors \leq 100 kW	0.8
Motors $>$ 100 kW	1.0

Rated diversity factors values for the assumed load (IEC 61439-2)

Calculation according to IEC TR 61439



Example of temperature-rise curve for enclosures with specified effective cooling surface ($A_e > 1,25 \text{ m}^2$), in accordance with IEC TR 60890

Derating of protective devices

Rated values of protective devices are tested on open air (without any cover) according to test conditions written in respective product standards (e.g. NZM3 has rated current $I_n = 630$ A on open air). The IP degree of protection of a switchboard and various ambient temperature of electrical device decreasing efficient ventilation and has a direct impact on its heat dissipation.

The higher the IP degree of protection, the less heat is able to dissipate. Thus, the temperature inside the switchboard will rise.

Power loss of electrical devices and other current carrying elements needs to be equal or less the heat dissipation of the enclosure.

Generally, the internal temperature in the control panel is the ambient temperature of the electrical device. To maintain the temperature inside the switchboard within the operating limits of the devices, it may be necessary to limit the permissible current carried by the devices. This is called derating.

The original manufacturer provides tables that describe performance of enclosures, devices depending on the switchboard characteristics and environmental conditions.

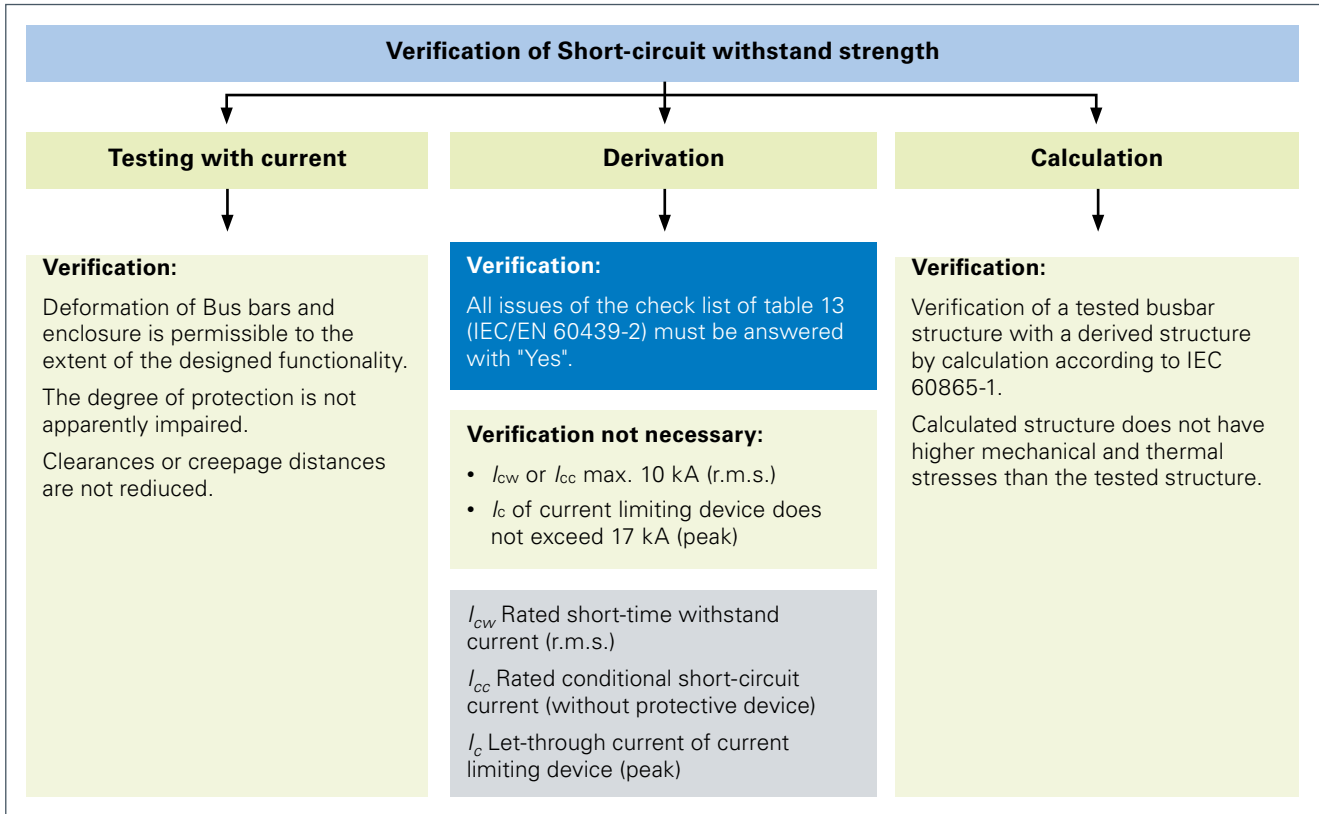
The assembly manufacturer must follow the published derating values.

Verification of short circuit-current strength

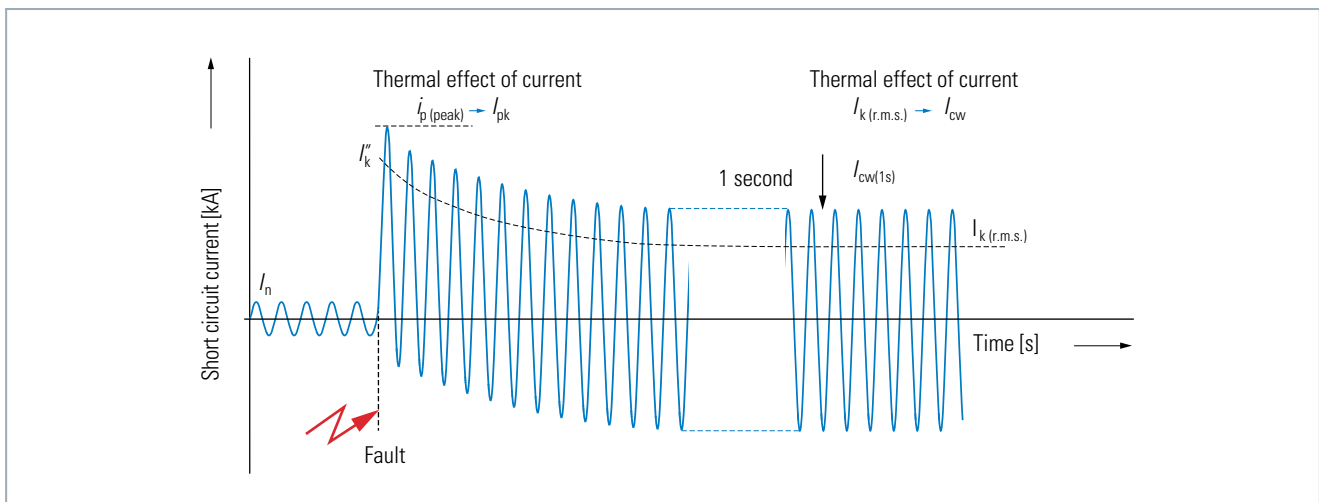
The verification of the short circuit withstand strength (IEC 61439-2) is required for all circuits of an assembly with exception of:

1. An assembly having a rated short-time withstand current (I_{cw}) or rated conditional short circuit current (I_{cc}) not exceeding 10 kA (r.m.s.).
2. An assembly protected by current-limiting devices having a limited current (cut-off current for fuses) not exceeding 17 kA (peak) at the maximum permitted prospective short-circuit current at the terminals of the incoming circuit of the assembly.

Note: IEC 61439 specifies exception also for auxiliary circuits intended to be connected to transformers the rated power of which does not exceed 10 kVA for a rated secondary voltage of not less than 110 V, or 1.6 kVA for a rated secondary voltage less than 110 V, and the short circuit impedance of which is not less than 4%.

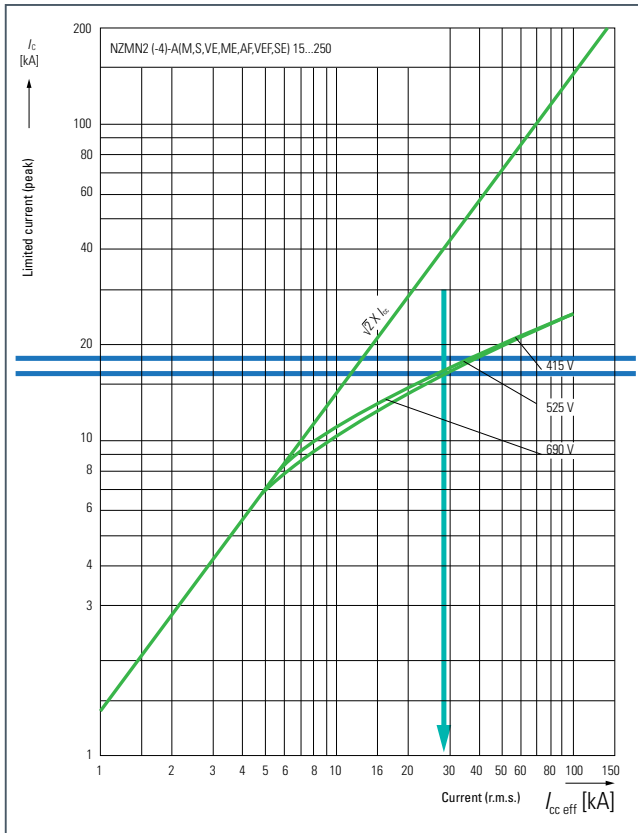


Verification of short-circuit withstand strength



Relation between parameters of switchboards and short circuit-current

If the switchboard is protected by a current limiting device (MCCB, MCB, fuse link), it is possible to use the current limiting characteristic and check the maximum value of the prospective circuit current at which the current limiting device will reduce peak current to the allowed value 17 kA, to avoid short circuit tests.



Use of current limiting circuit breaker at the maximum allowed peak current up to 17 kA

Example:

- Transformer 630 kVA, $u_k = 4\%$, with 400 V, 909 A rated current and 22,7 kA prospective short circuit current (r.m.s.) on secondary terminals.
- The selected current limiting circuit breaker (NZM2 series) on secondary side reduces the maximum available short circuit current 22,7 kA (r.m.s) to ca 14 kA (peak). Finally, this type of breaker can be used for connection to the installation with prospective short circuit current (I_{cc}) up to ca 28 kA.
- **Conclusion:** Selected circuit breaker ensure reduction of peak current lower below 17 kA, short circuit current test is not required.

Routine verification

The purpose of the routine verification is to determine any potential material and manufacturing faults and to ensure the proper functioning of the completed switchgear and controlgear assembly.

Routine verification is performed by the **assembly manufacturer** for each assembly and is part of the assembly documentation.

Routine verification Subclause in IEC 61439-1	Content
11.2	Degree of protection of enclosures
11.3	Clearances and creepage distances
11.4	Protection against electric shock and integrity of protective circuits
11.5	Incorporation of built-in components
11.6	Internal electrical circuits and connections
11.7	Terminals for external conductors
11.8	Mechanical operation
11.9	Dielectric properties
11.10	Wiring, operational performance and function

Content of routine verification, overview

Degree of protection (IP code)

Selection of enclosures should begin with consideration of the protection (see clause. 10.2, IEC 61439-2). This is in accordance with IEC 60529 - Specification for degrees of protection provided by enclosures (IP code).

Code letter	IP	Protection of equipment	Protection of persons against access to hazardous part with
First numeral (access of solid foreign objects)	0		not protected
	1	≥ 50 mm diameter	back of hand
	2	≥ 12.5 mm diameter	finger
	3	≥ 2.5 mm diameter	tool
	4	≥ 1 mm diameter	wire
	5	dust-protected	wire
	6	dust-tight	wire
Second numeral (ingress of water)	0	non-protected	
	1	vertically dripping	
	2	dripping (15 degree tilted)	
	3	limited spraying	
	4	splashing from all directions	
	5	hosing jet from all directions	
	6	strong hosing jet from all directions	
	7	temporary immersion	
	8	continuous immersion	
9	high pressure and temperature water jet		
Additional letter (optional)	A		back of hand
	B		finger
	C		tool
	D		wire
Supplementary letter (optional)	H	High-voltage apparatus	
	M	Motion during water test	
	S	Stationary during water test	
	W	Weather conditions	

Elements of the IP Code and their meanings (see IEC 60529)

- IP code define the ingress of solid objects (Ingress Protection against accidental contact with live parts) and water into an enclosure.
- IP code do not define forms of separation between functional units or define an expected arc containment outcome.

Degree of protection against external mechanical impacts, IK code

Verification of the degree of protection against mechanical impacts shall be carried out in accordance with IEC 62262: Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code). This standard refers to the classification of the degrees of protection provided by enclosures against external mechanical impacts.

Degree of protection against mechanical impacts is a level of protection of the equipment provided by an enclosure against harmful mechanical impacts and verified by standardised test methods. Tests are performed with a hammer suitable for the dimensions of the enclosure.

IK 09

Codes letters (international mechanical protection)

Characteristic group numeral (00 to 10)

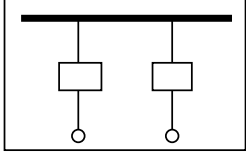
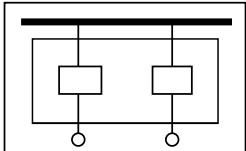
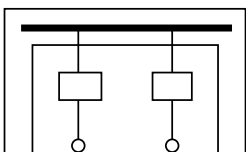
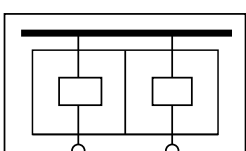
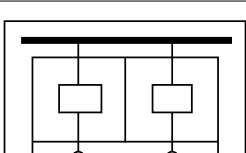
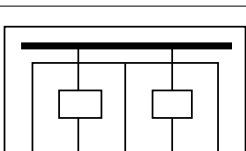
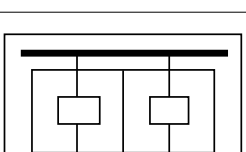
xEnergy Light is tested for IK09, which is highest protection level.

Forms of separation

Separation is achieved by means of barriers or partitions of metallic or non-metallic material and is subject to agreement between manufacturer and user.

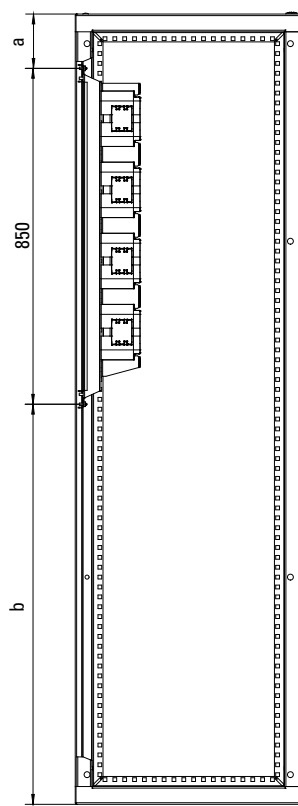
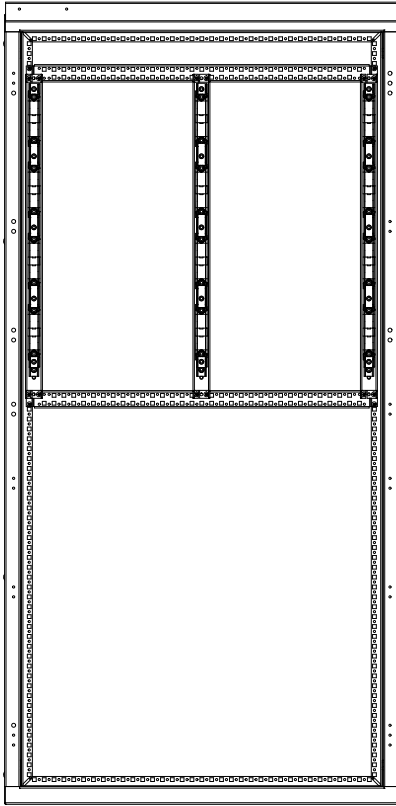
- Protection against contact with hazardous parts. The degree of protection shall be at least IPXXB,
- Protection against the passage of solid foreign bodies. The degree of protection shall be at least IP2X.

The degree of protection IP2X covers the degree of protection IPXXB (finger proofed).

Form	Main criteria	Further criteria	Figure
Form 1	No separation		
Form 2a	Separation of busbar from functional units.	The terminals for external conductors do not need to be separated from the busbars.	
Form 2b	Separation of busbars from functional units.	The terminals for external conductors are separated from the busbar.	
Form 3a	Separation of busbars from functional units and separation of all functional units from one another. Separation of the terminals for external conductors from the units, but not from each other.	The terminal for external conductors do not need to be separated from the busbars.	
Form 3b	Separation of busbars from functional units and separation of all functional units from one another. Separation of the terminals for external conductors from the units, but not from each other.	The terminals for external conductors are separated from the busbars.	
Form 4a	Separation of busbars from functional units and separation of all functional units from one another including the terminals for external conductors which are an integral part of the functional unit.	The terminals for external conductors are in the same compartment as the associated functional unit.	
Form 4b	Separation of busbars from functional units and separation of all functional units from one another including the terminals for external conductors which are an integral part of the functional unit.	Terminals for external conductors are not in the same compartment as the associated function unit, but in individual, separate, enclosed protected spaces or compartments.	

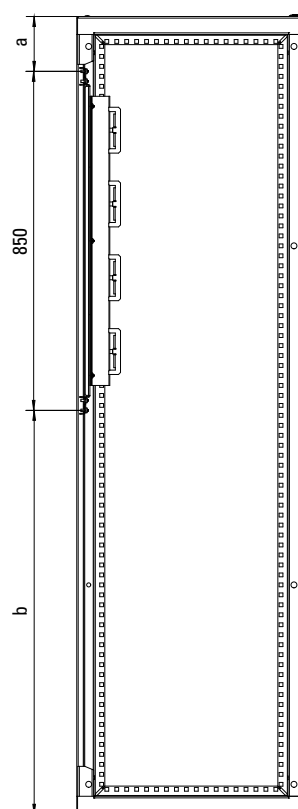
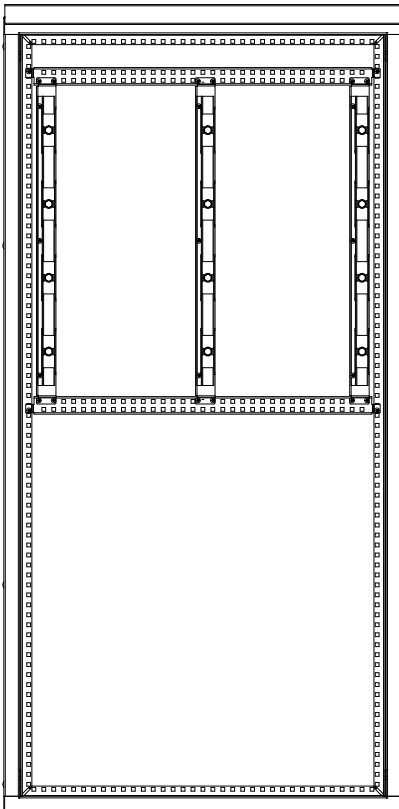
Forms of internal separation

Busbar setup



XBSB

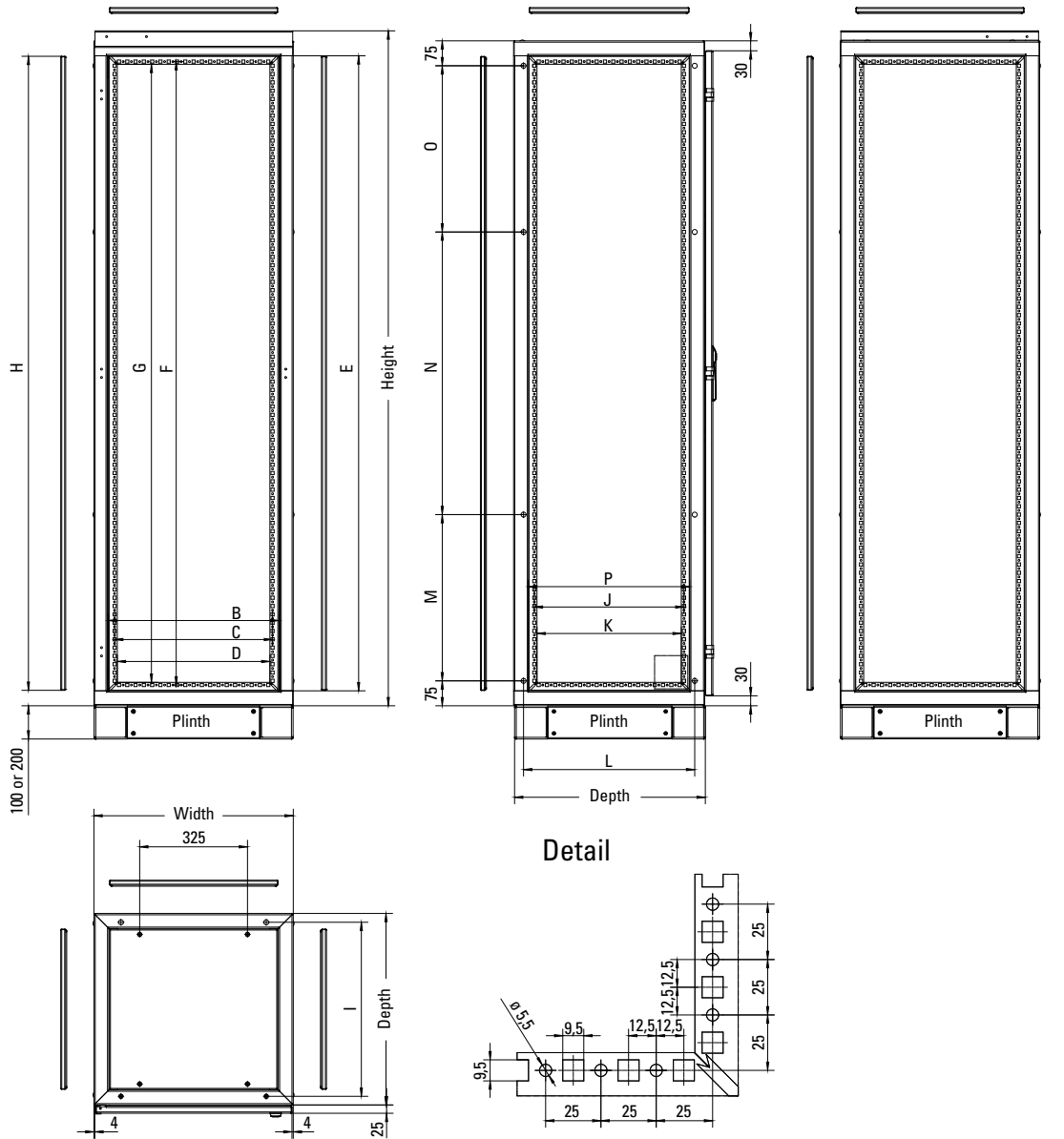
Height	a	b	a	b
1400	62.5	487.5	137.5	412.5
1600	62.5	687.5	137.5	612.5
1800	62.5	887.5	137.5	812.5
2000	62.5	1087.5	137.5	1012.5



XLABBS

Height	a	b	a	b
1400	62.5	487.5	137.5	412.5
1600	62.5	687.5	137.5	612.5
1800	62.5	887.5	137.5	812.5
2000	62.5	1087.5	137.5	1012.5

xEnergy Light Dimensions (mm)



Width	A	B	C	D
425	150	375	300	285
600	325	520	475	460
650	375	570	525	510
800	525	720	675	660
850	575	770	725	710
1000	725	920	875	860
1100	825	1020	975	960
1200	925	1120	1075	1060
1350	1075	1270	1225	1210

Height	E	F	G	H
1400	1310	1275	1259	1307
1600	1510	1475	1459	1507
1800	1710	1675	1659	1707
2000	1910	1875	1859	1907

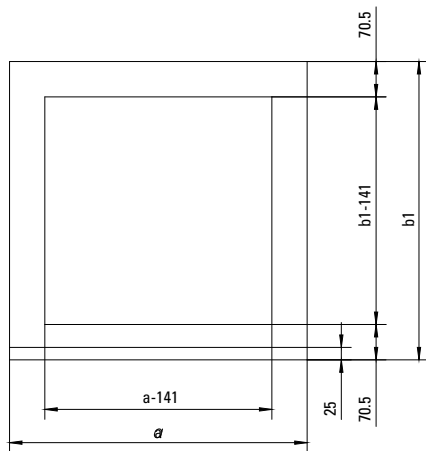
Distance between the holes

Depth *	Depth **	I	J	K	L	P
300	275	223	150	135	215	182
400	375	323	250	235	315	282
600	575	523	450	435	515	482
800	775	723	650	635	715	682

Height	M	N	O
1400	350	550	350
1600	450	550	450
1800	550	500	550
2000	500	850	500

* Depth according Ordering Part
** Real Depth

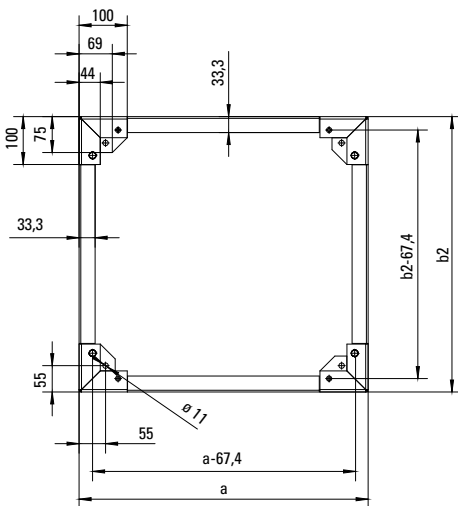
Section bottom clearance, XSFB...



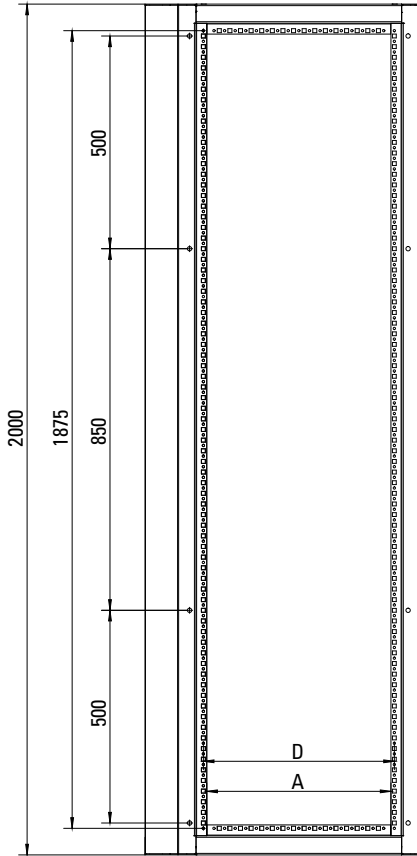
b1	b2
600	575
800	775

a	
425	
600	
800	
1000	
1200	

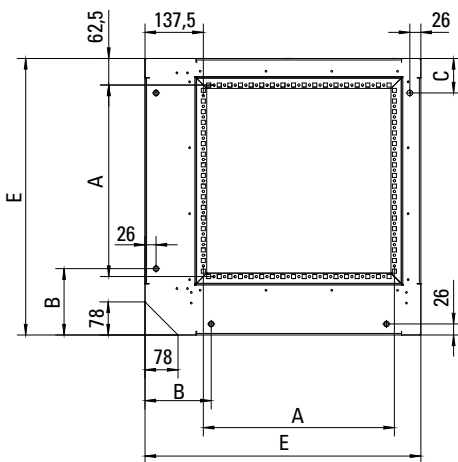
Floor-fixing of plinth, XAP...



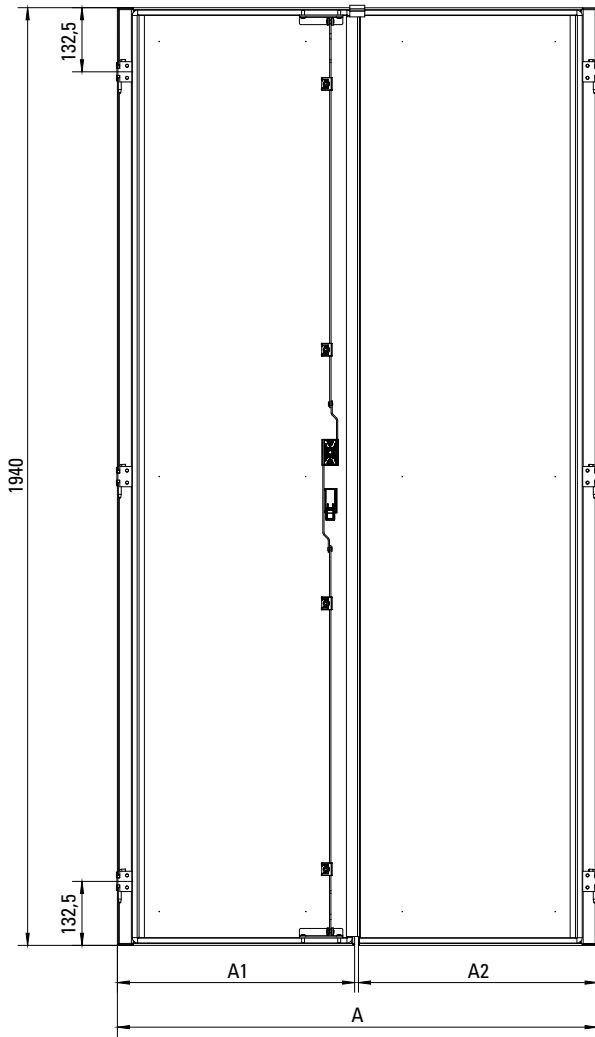
XVTL-CF-./ Corner frame



For Depth Side A	For Depth Side B	A	B	C	D	E
300	300	150	106	31	185	350
400	400	250	106	31	285	450
600	600	450	156	31	485	650
800	800	650	156	31	685	850

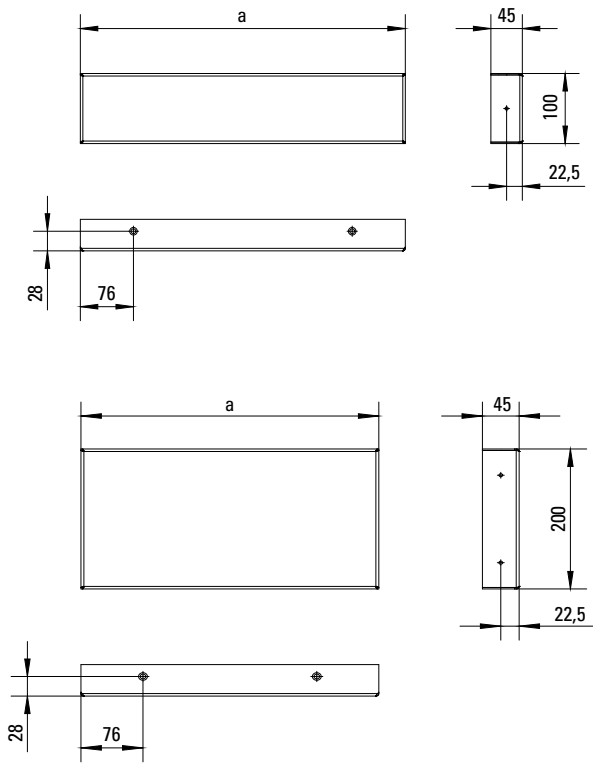


XSDMC Door



Width	A	A1	A2
425	–	417	–
600	–	592	–
650	–	642	–
800	–	792	–
850	–	842	–
1000	–	992	–
1000	995	492	495
1100	1095	542	545
1200	1195	592	595
1350	1345	667	670

XVTL-S0, XVTL.S0..



Depth	a
300	265
400	365
600	565
800	765

XLACCxx

Part preparation

See Fig. 1

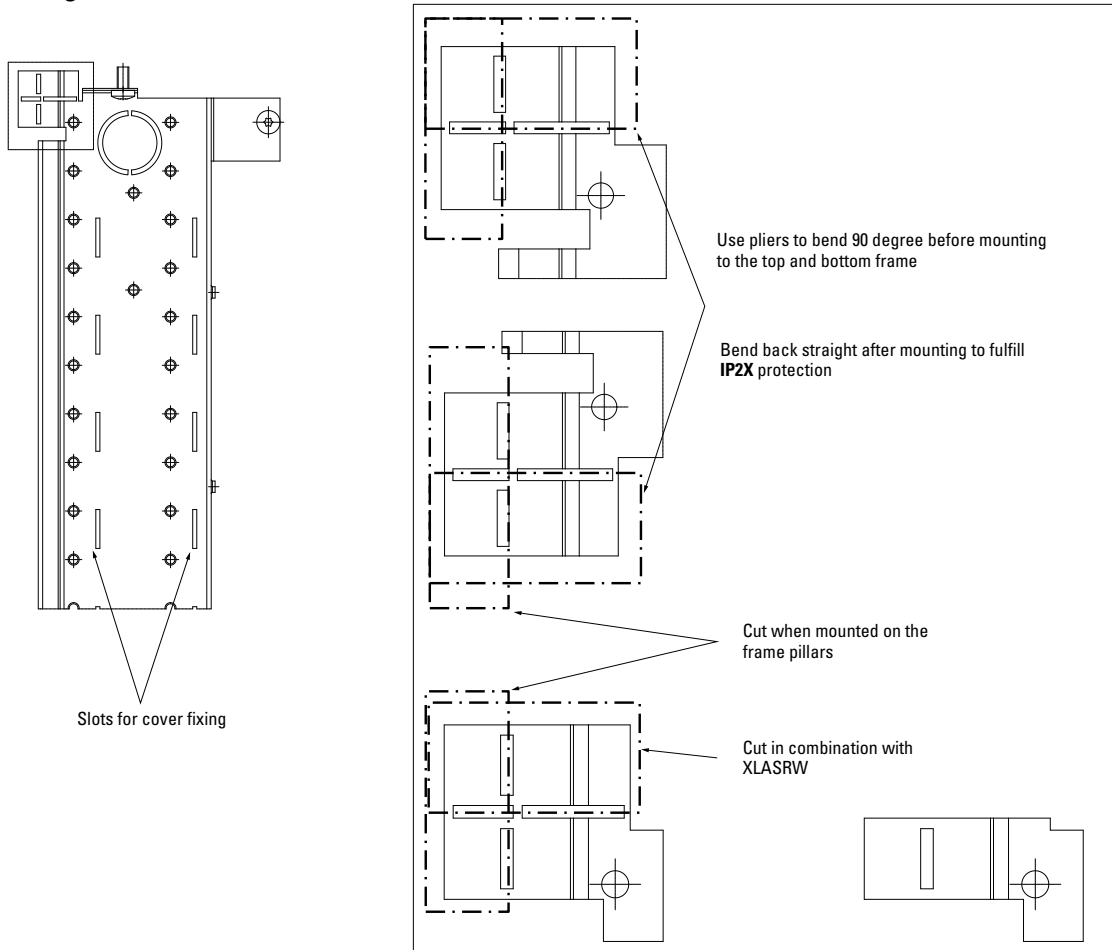
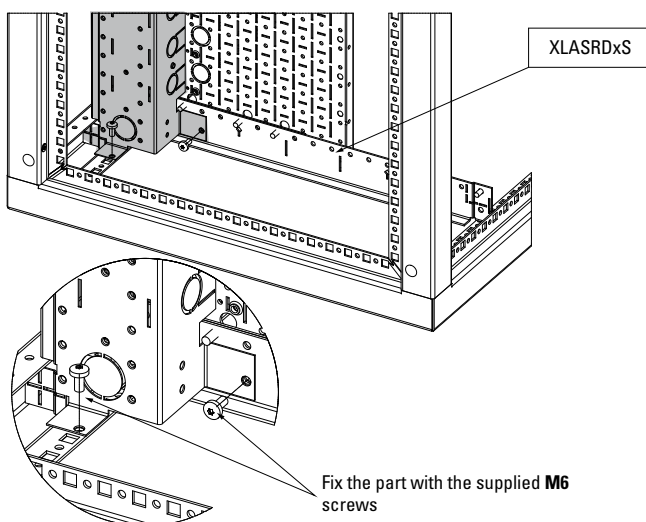


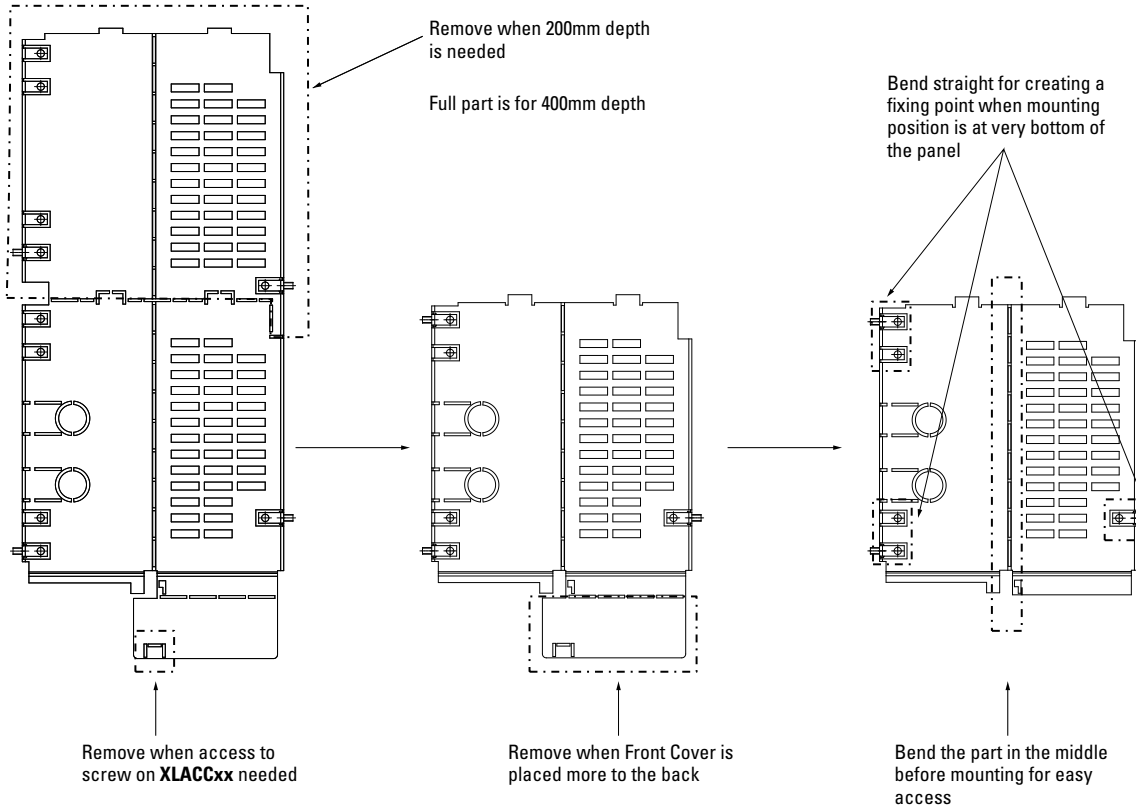
Figure. 1

Installation

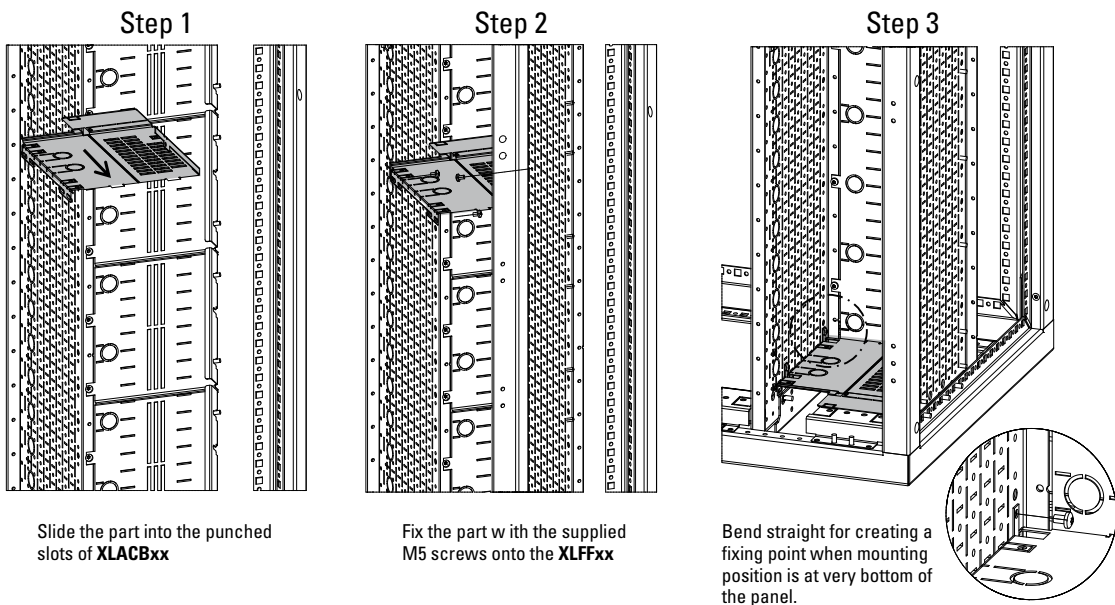


XLACPxx

Part preparation

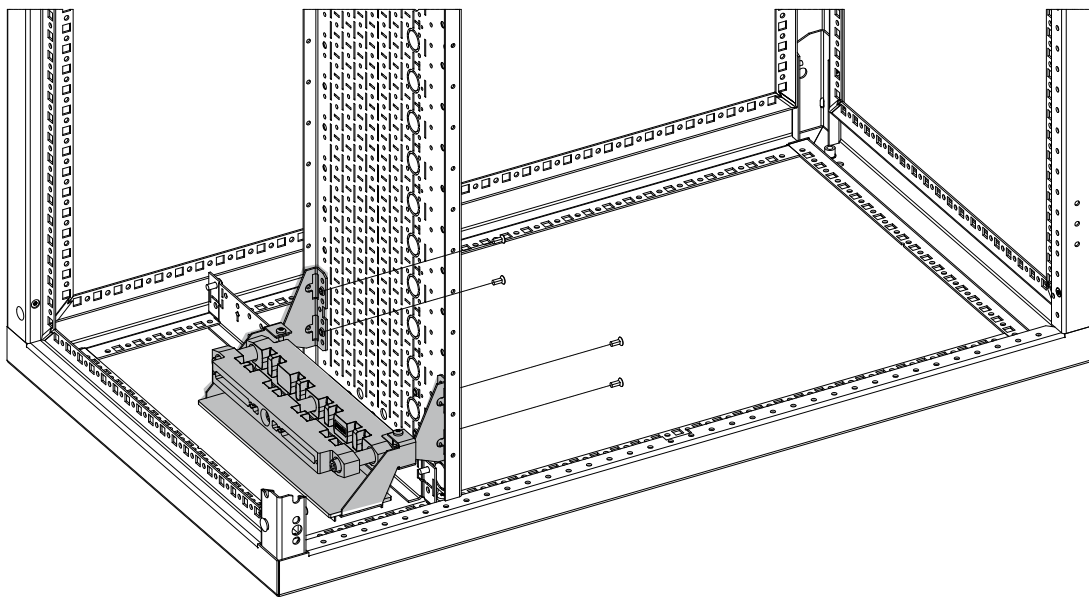
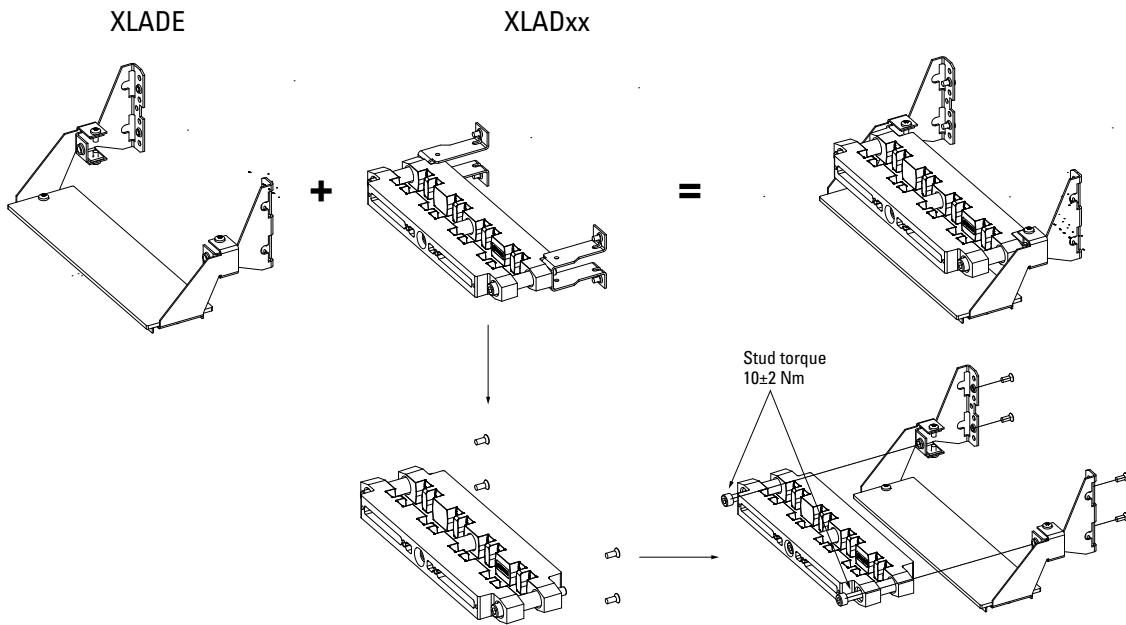


Installation



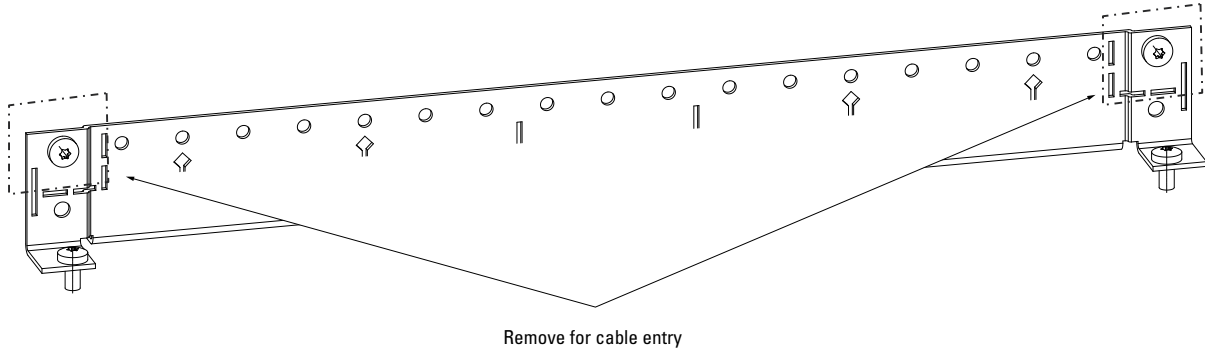
XLADE

Part preparation



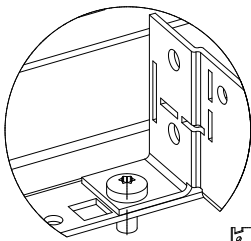
XLASRDxS

Part preparation



Installation

Fig. 1



See Fig. 1

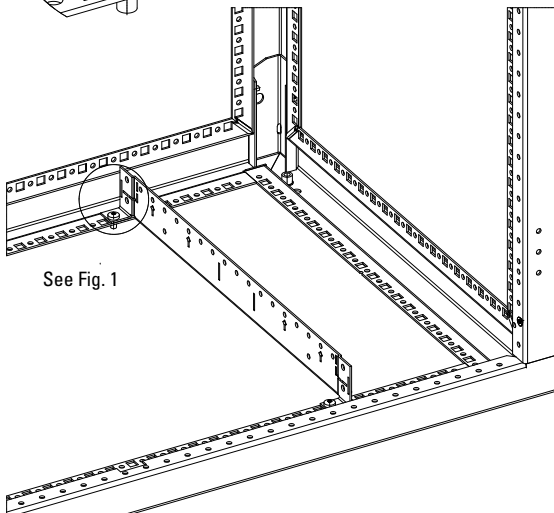
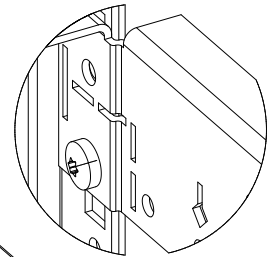
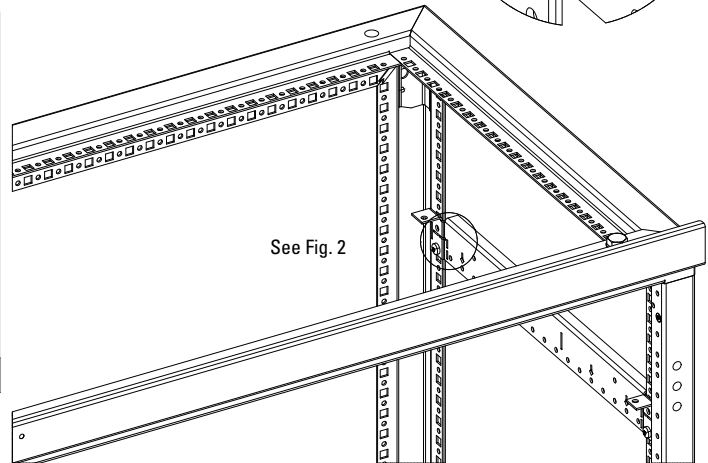


Fig. 2

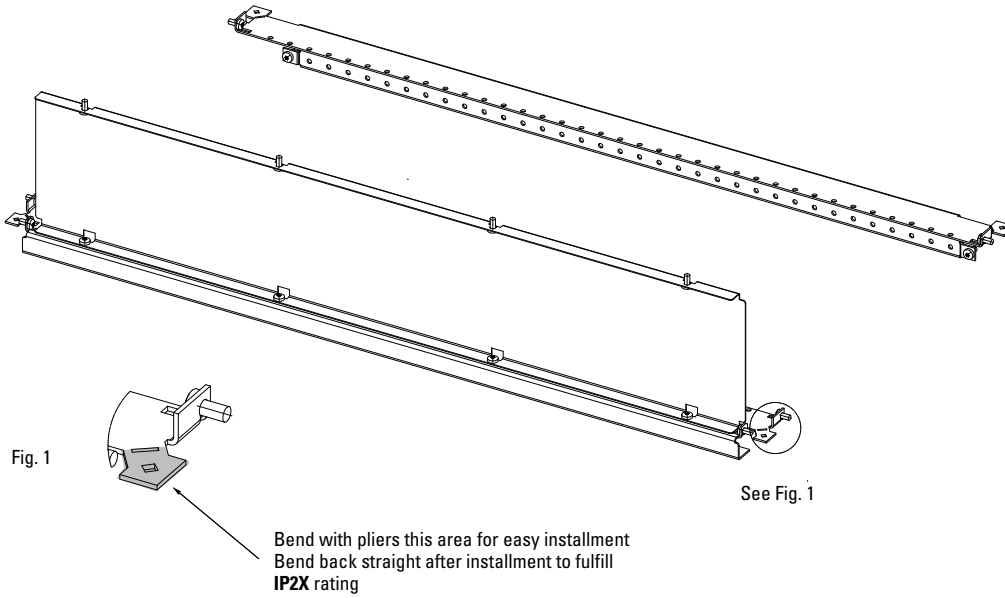


See Fig. 2

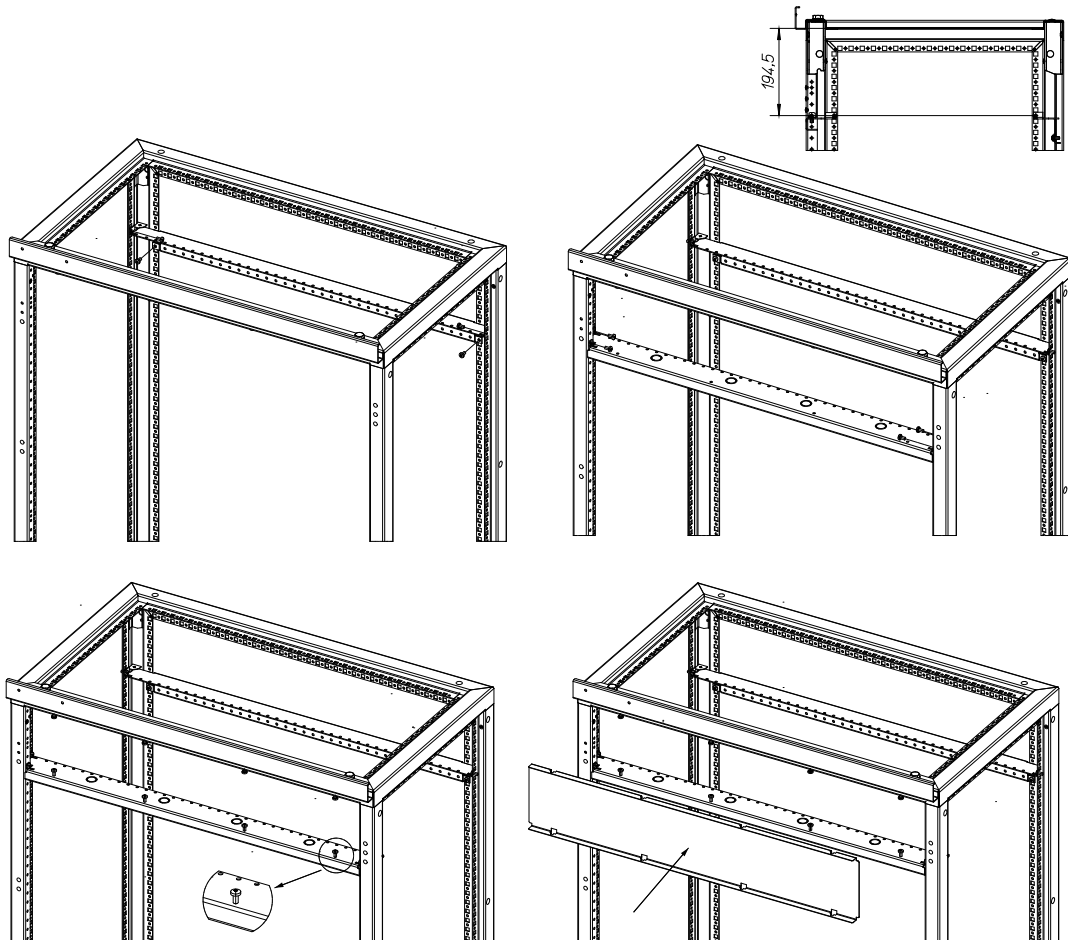


XLASRWxx

Part preparation



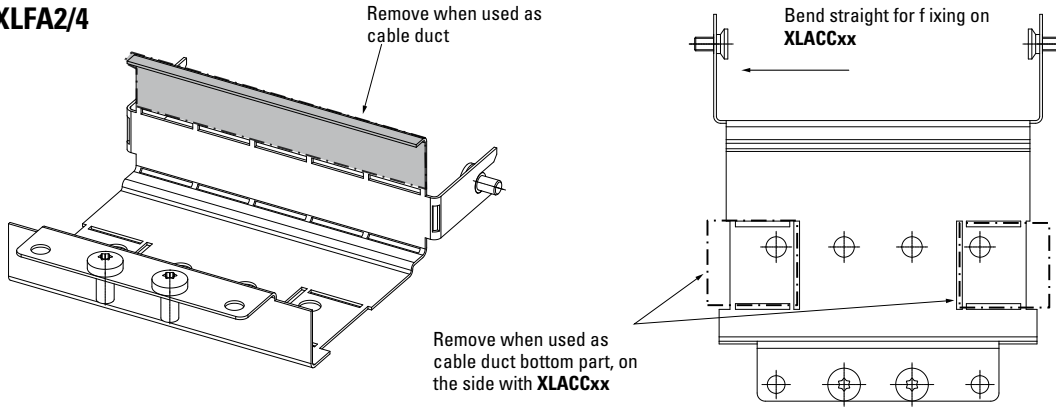
Installation



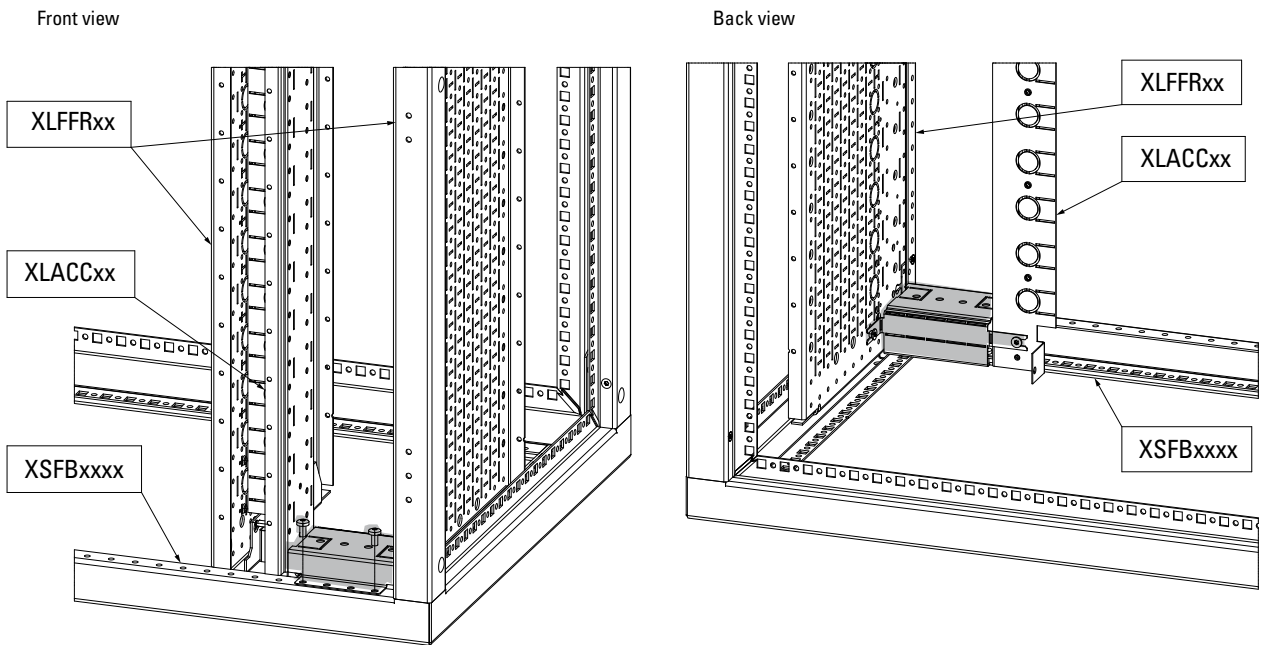
XLFAxx

Part preparation

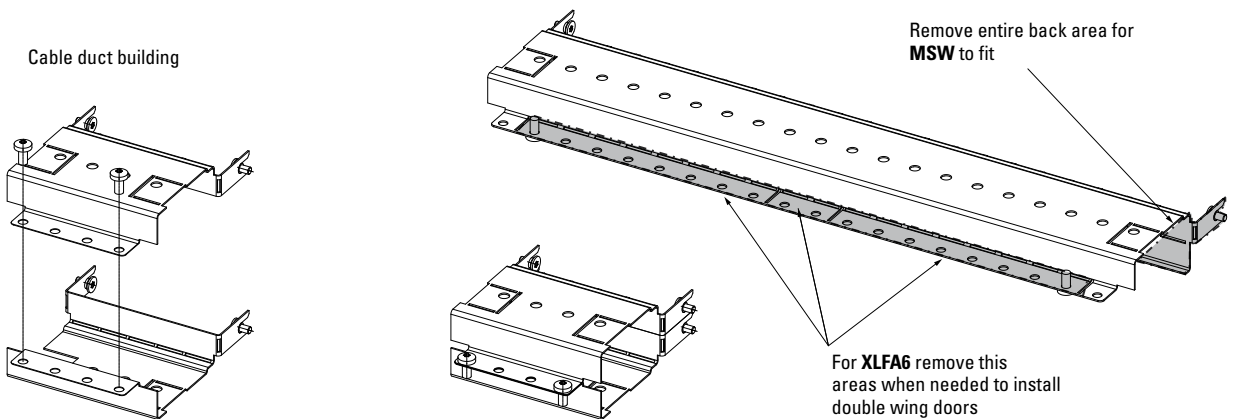
XLFA2/4



Installation

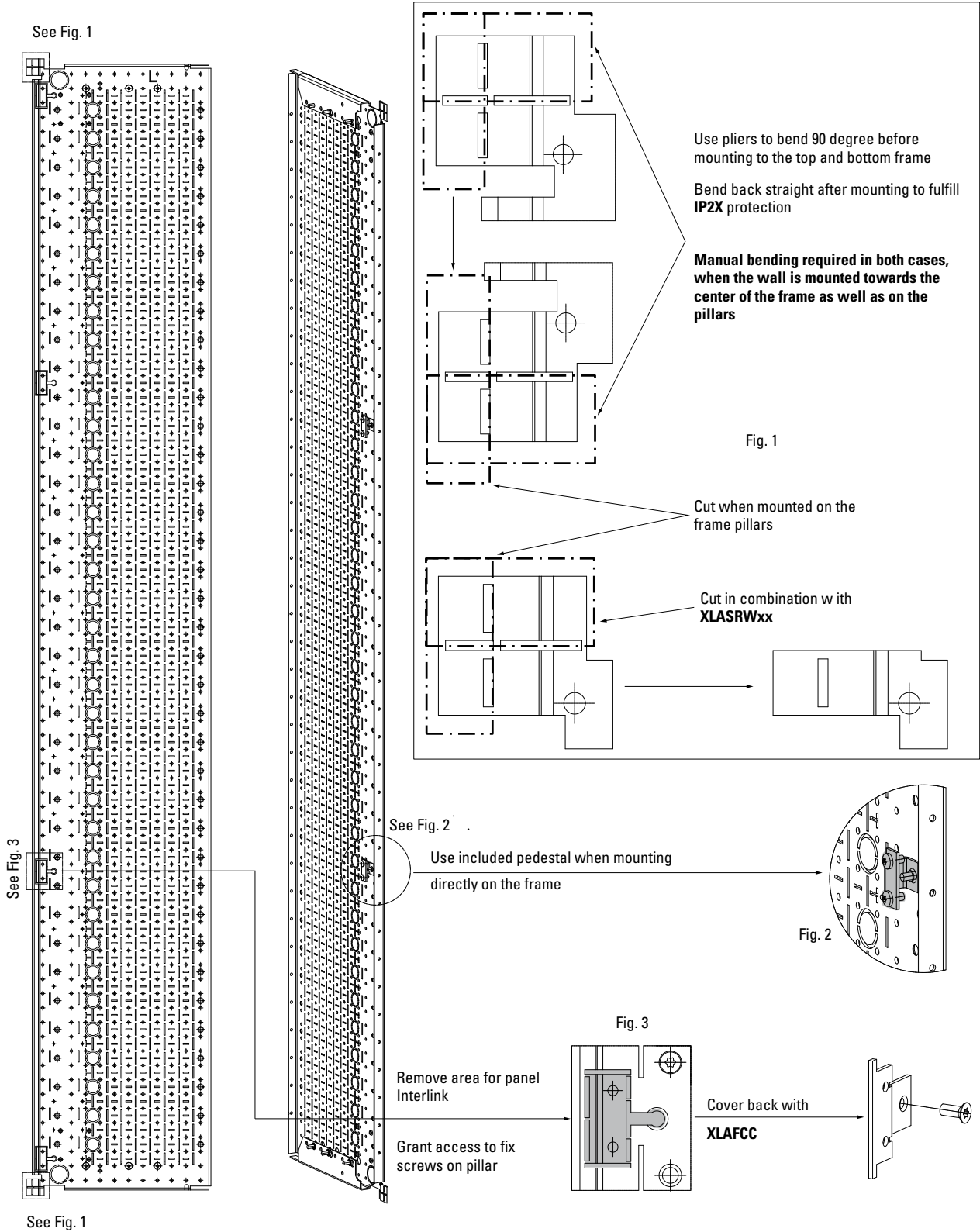


Cable duct building



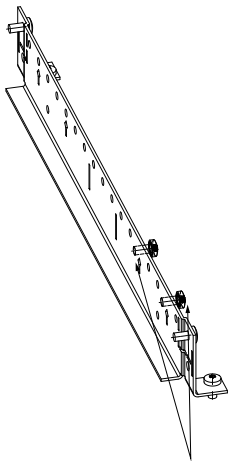
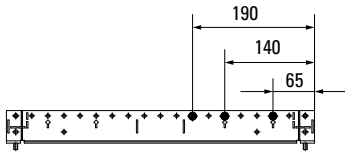
Front Side Wall XLFFxx

Part preparation



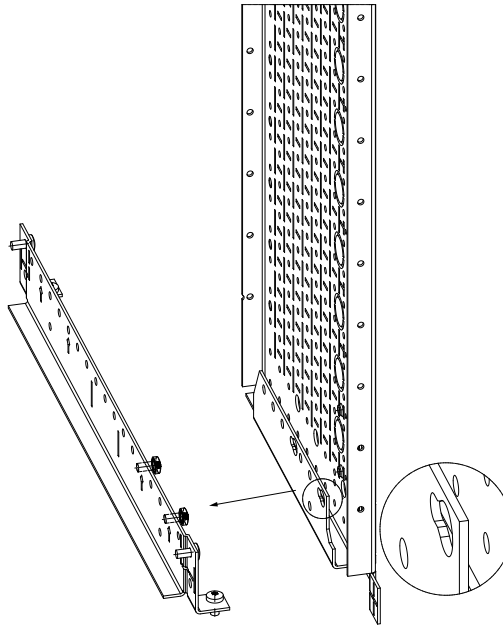
Installation

Step 1



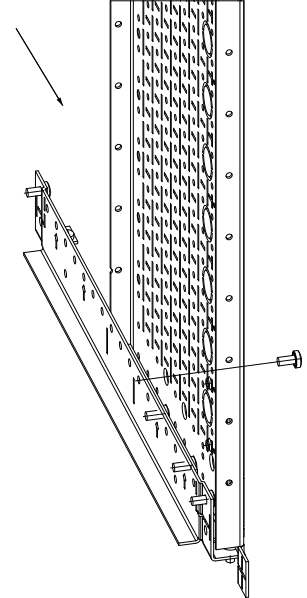
Fix 2xM6 screws on **XLASRD / Frame** profile, repeat for the top section. Do not tighten all the way

Step 2



Hang the Wall onto the screws via hole slots. Required also on the top end of the frame

Step 3



Slide the Wall to front and bring the last M6 screw. **Correct position given by last screw.** Tighten all screws

Back Side Wall XLPFxx

Part preparation

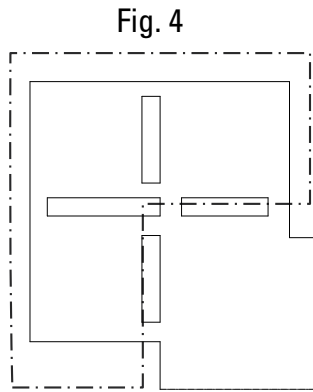
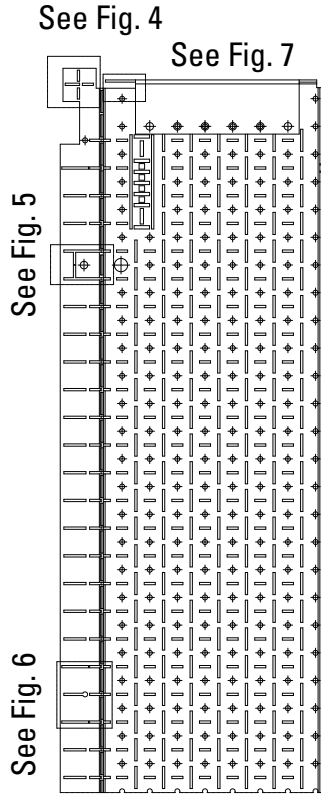


Fig. 4

Cut in combination with **XLASRWxx**.
When mounted on the frame, bend and cut
like in Fig.1

When mounted directly on the frame,
bend this 180 degree to align with the
hole on the pillar and fix it **M6x12**
screw

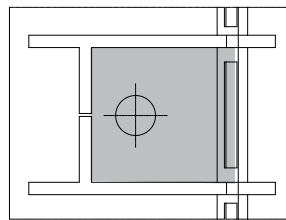
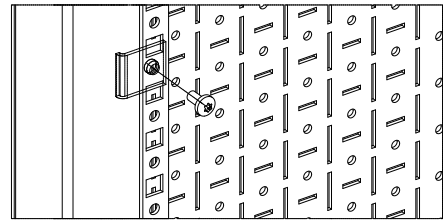


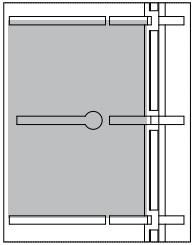
Fig. 5



Back Side Wall XLPFxx

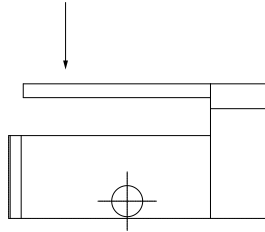
Part preparation

Fig. 6



Bend area to access screws in the pillar when interlink with another frame. Bend back straight when done.

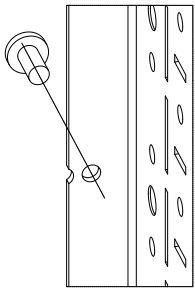
Fig. 7



Bend slight downwards to avoid collision with **XLASRDxS**

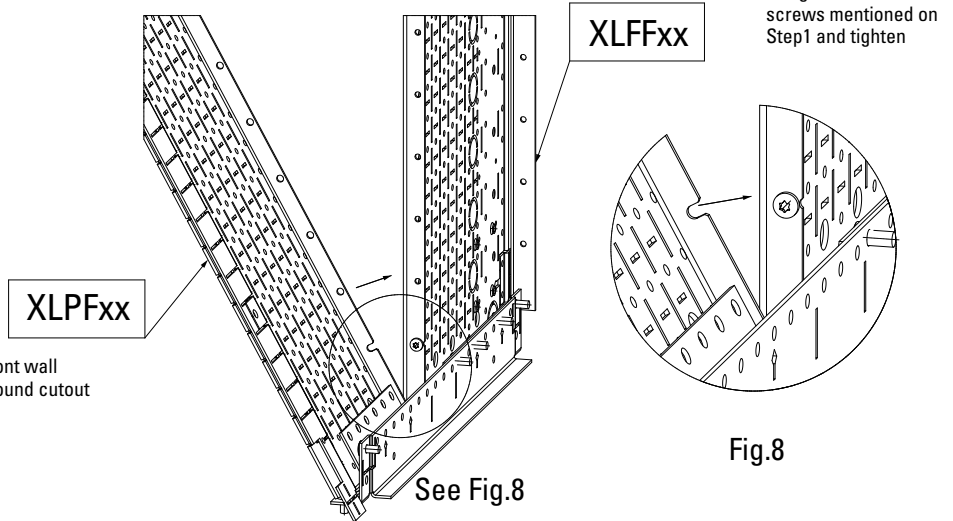
Installation

Step 1



Add **M5** screws on the front wall **XLFFxx** where the small round cutout mark is present. Do not tighten all the way

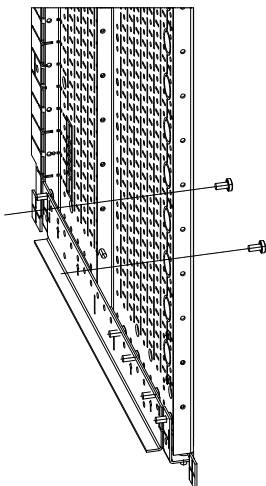
Step 2



Hang the wall onto the screws mentioned on Step1 and tighten

Fig.8

Step 3



Add **2xM6** screws and fix the part completely. Repeat for the top section of the frame

XLFNxxxx

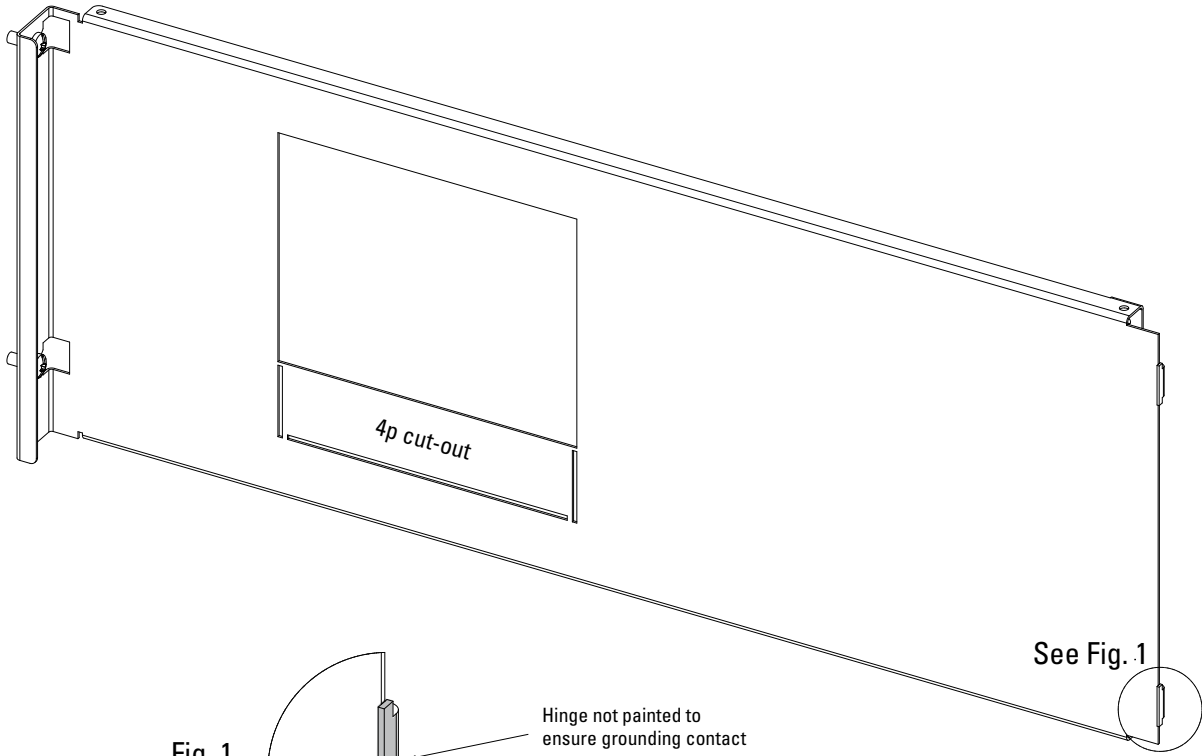
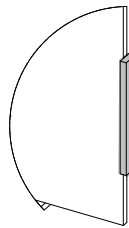
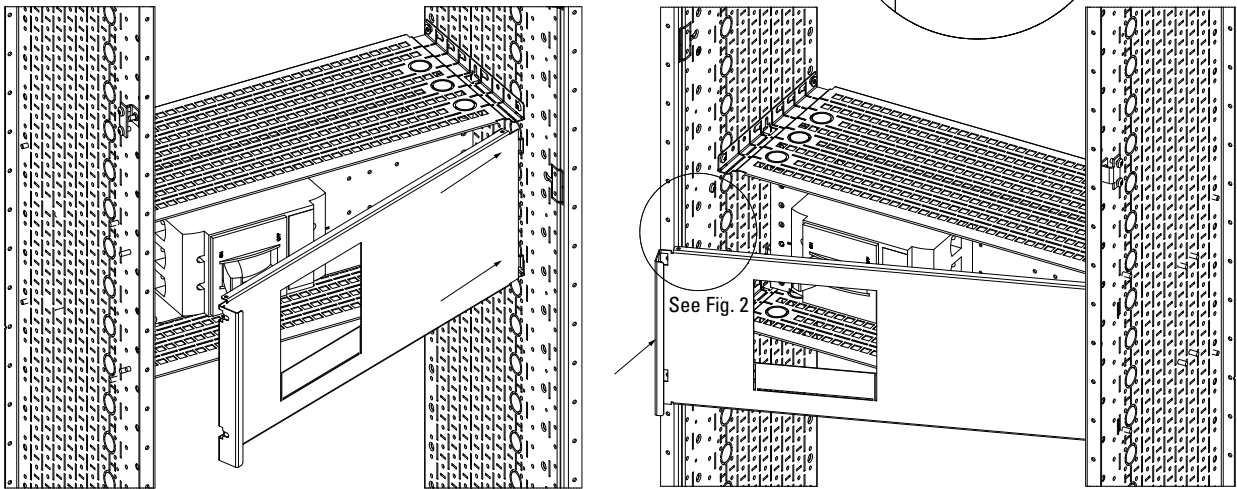
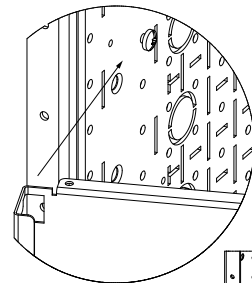


Fig. 1



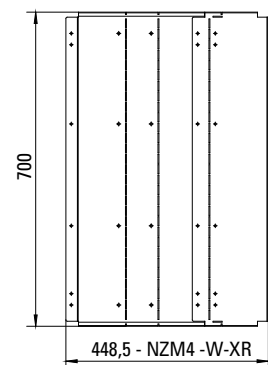
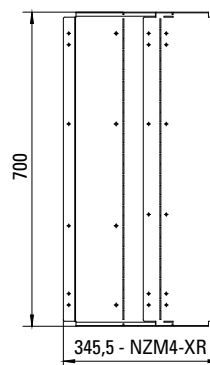
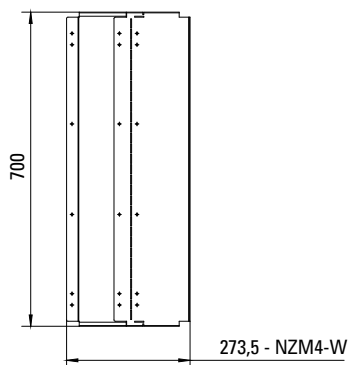
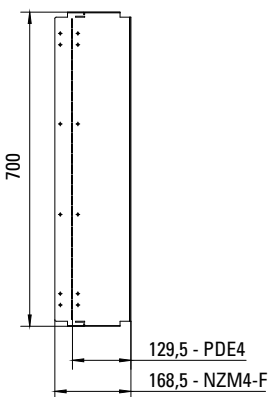
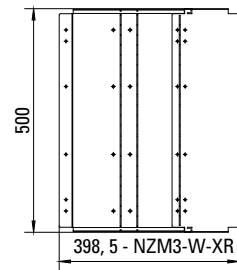
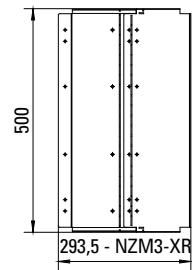
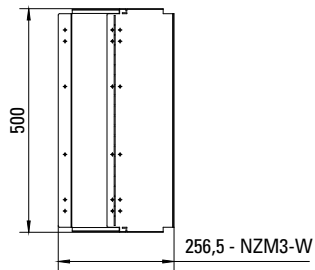
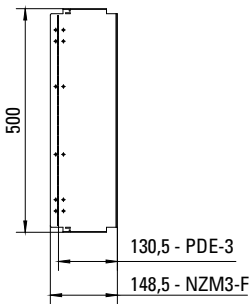
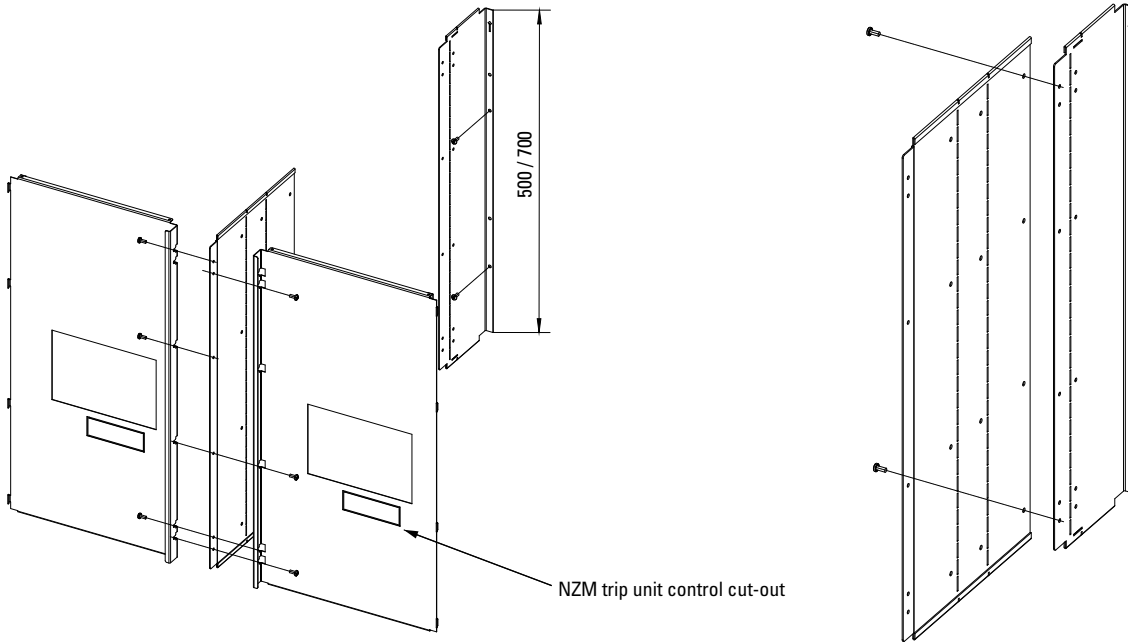
Hinge not painted to ensure grounding contact

Fig. 2



XLMF2NxVFxx

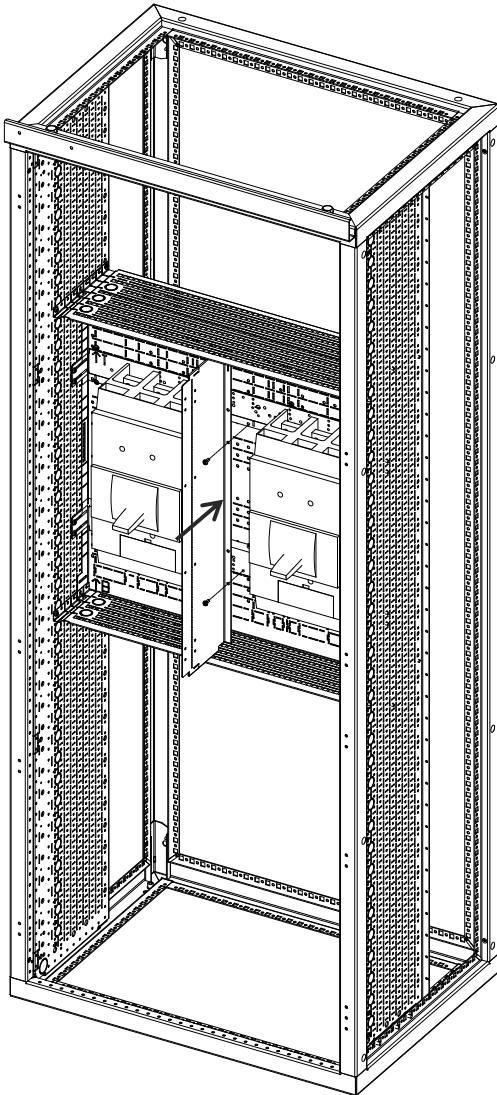
Part preparation



XLFNxxxx

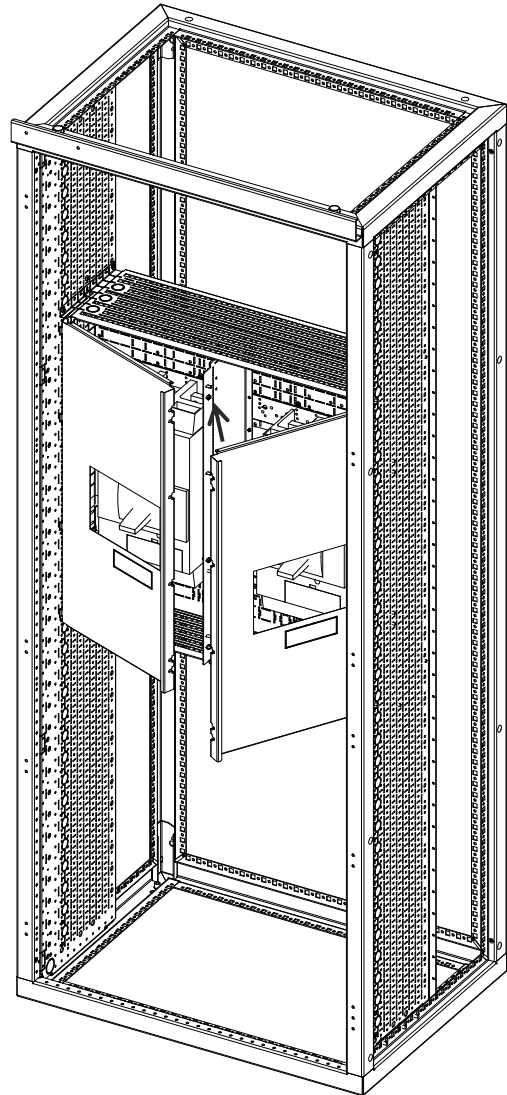
Installation

Step 1



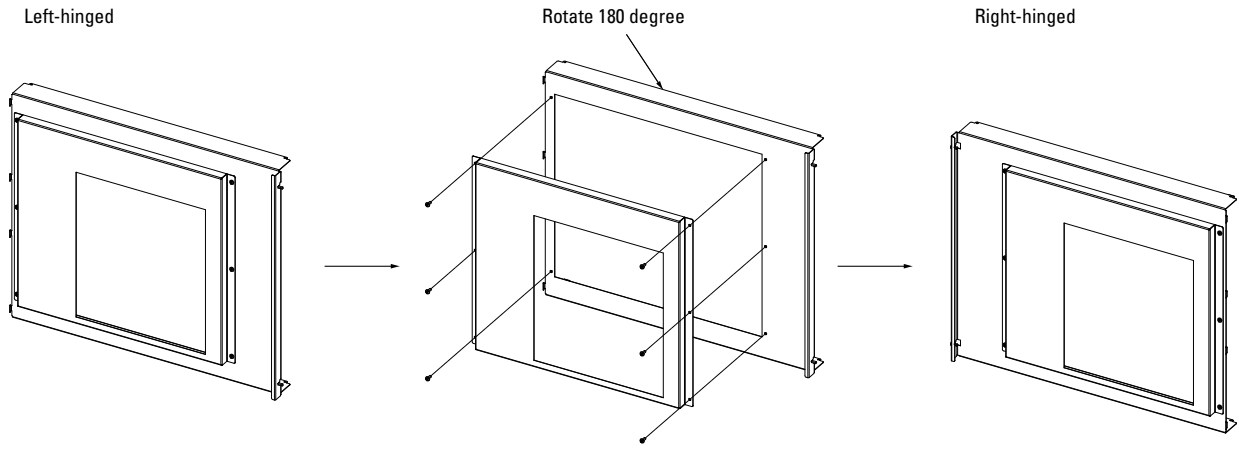
Fix the middle part on the backplate with the **M5** screws

Step 2

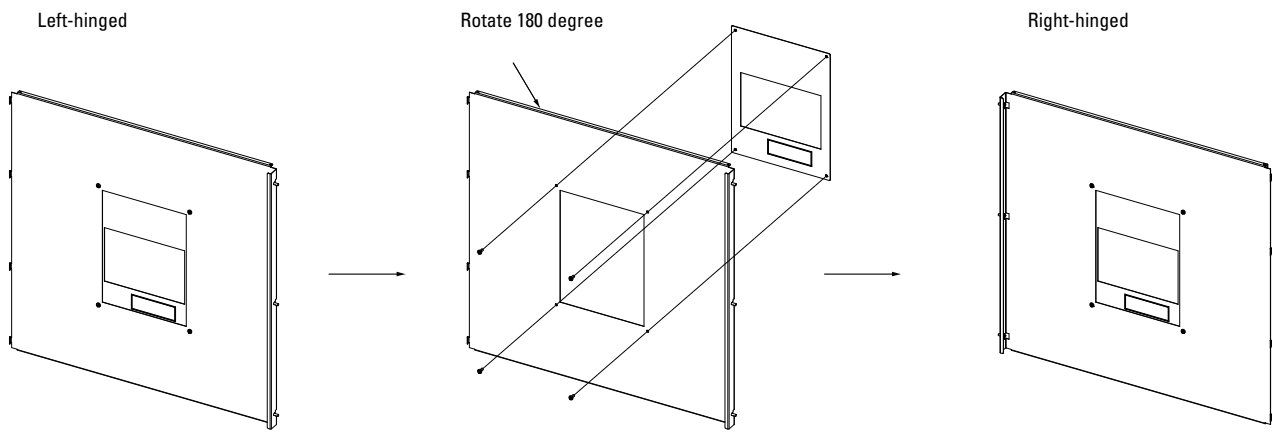


Fix the left and right covers one by one and secure with the **M5** screws on the middle part

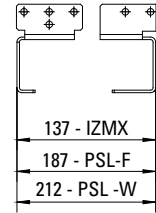
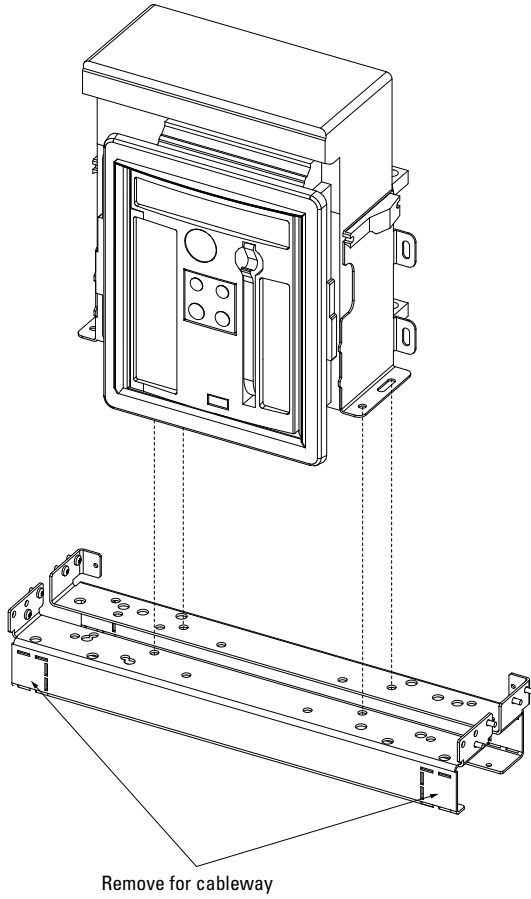
XLMFAxxxx



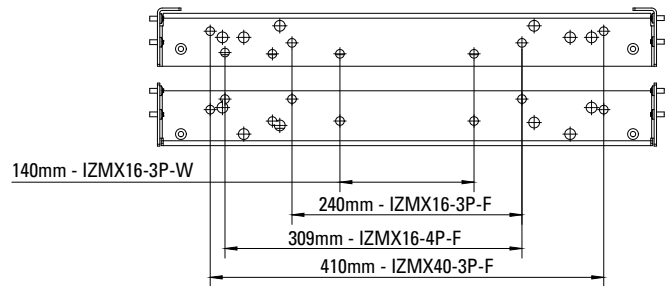
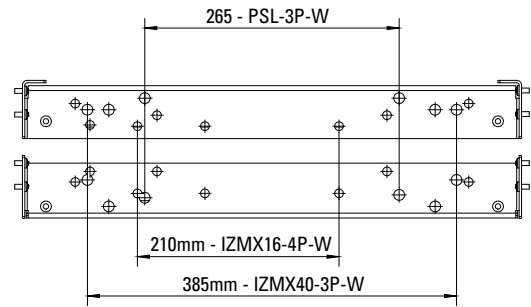
XLMFN4VFxx



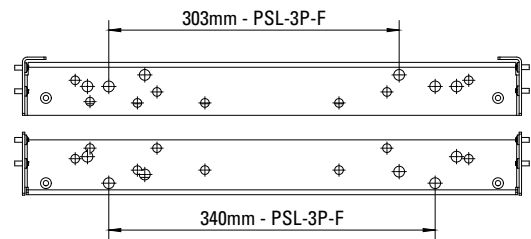
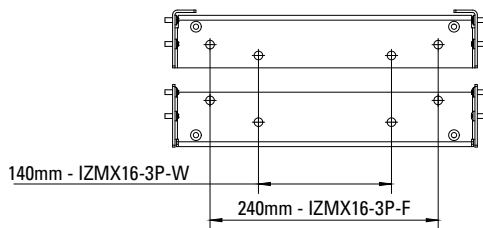
XLMPA_x



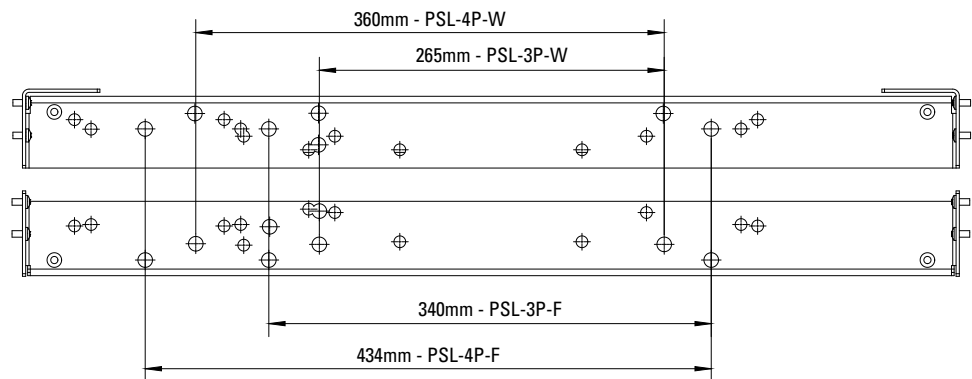
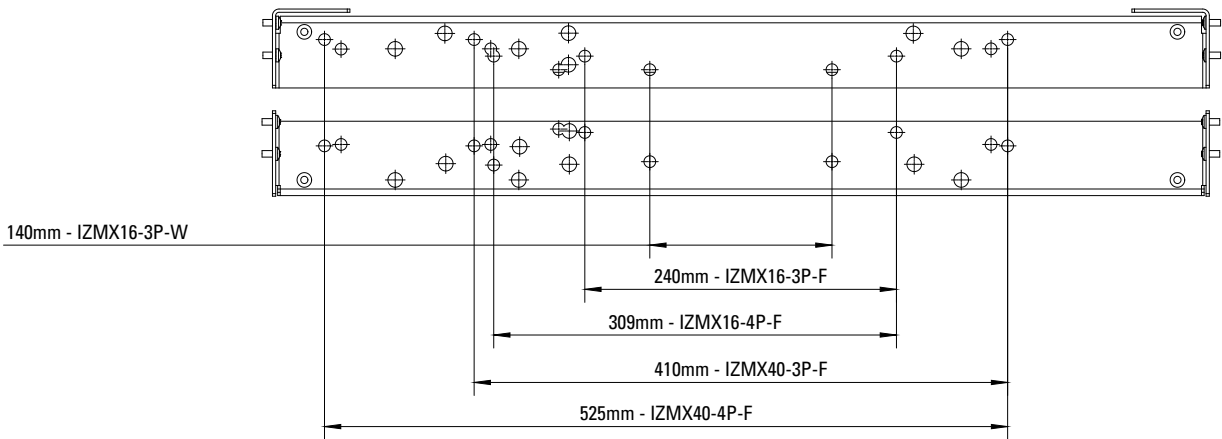
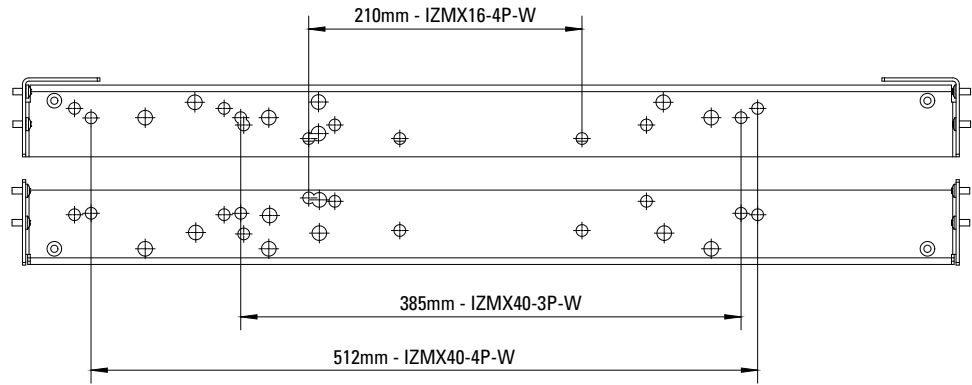
XLMPA6



XLMPA4



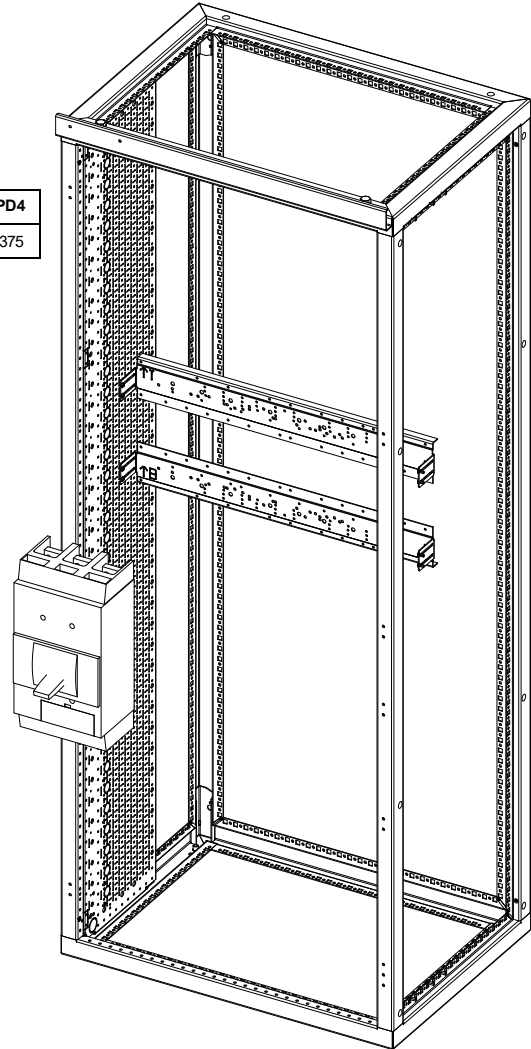
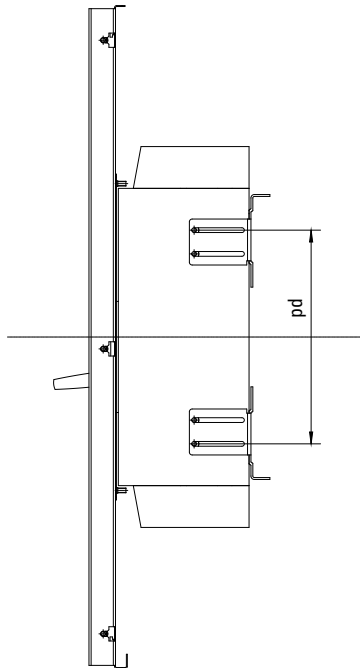
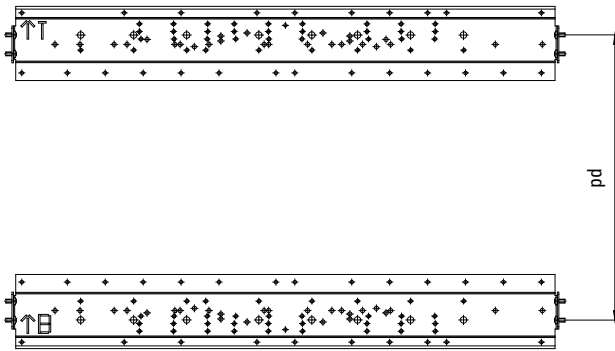
XLMPA8



XLMM3Vx

Profile distance (pd) [mm]

	NZM3-F	NZM3-W	NZM3-P	NZM4-F	NZM4-W	PD3	PD4
pd	225	225	275	225	375	225	375



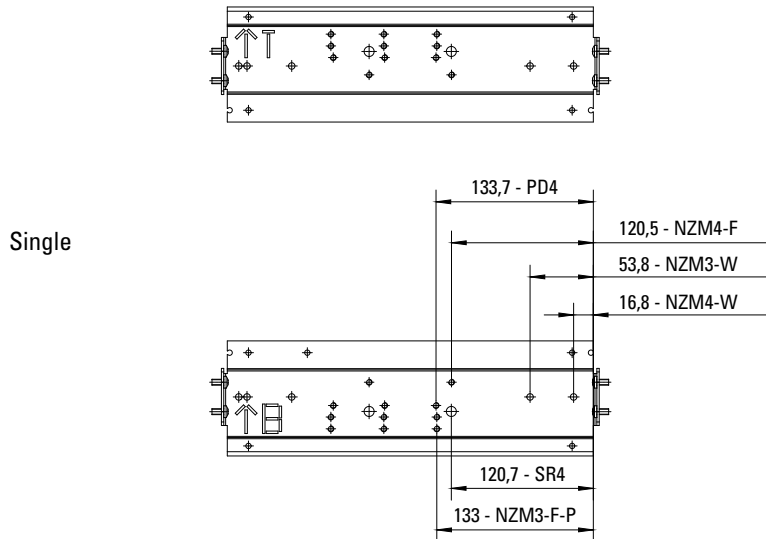
Installation:

1. Use a marker to mark the appropriate holes on the profiles for your device.
2. Fix the profiles on the panel.
3. Fix the device on the profiles.

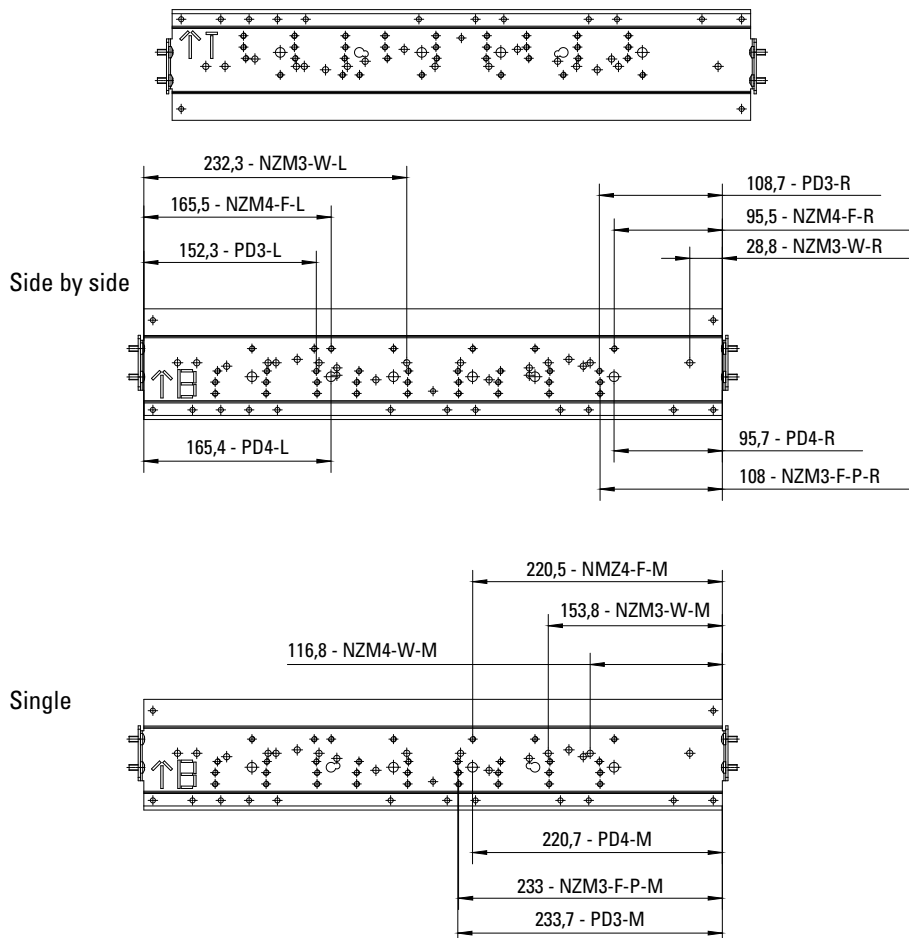
XLMMMS3Vx

Hole markings

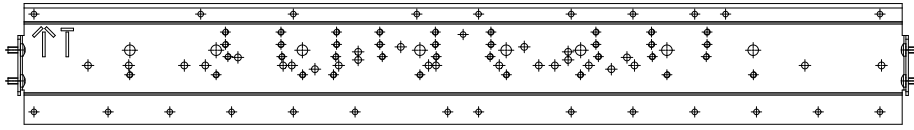
XLMMMS3V4



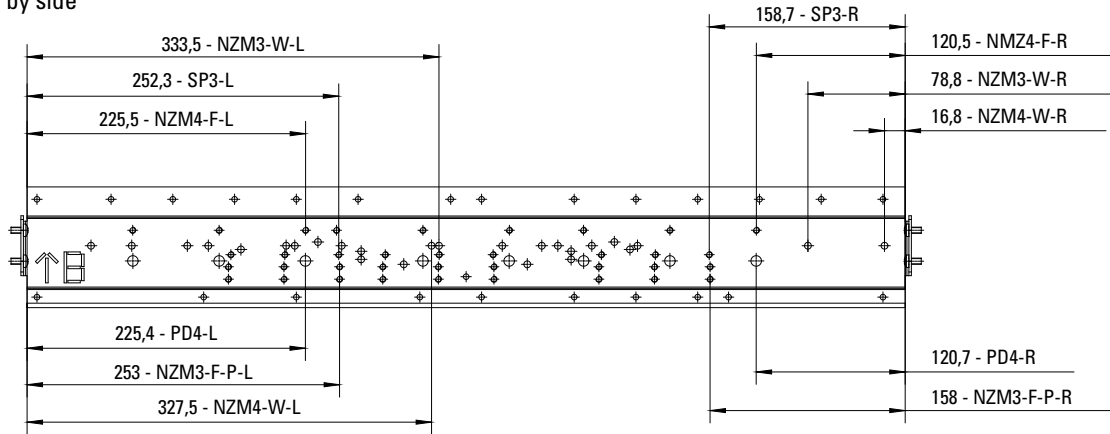
XLMMMS3V6



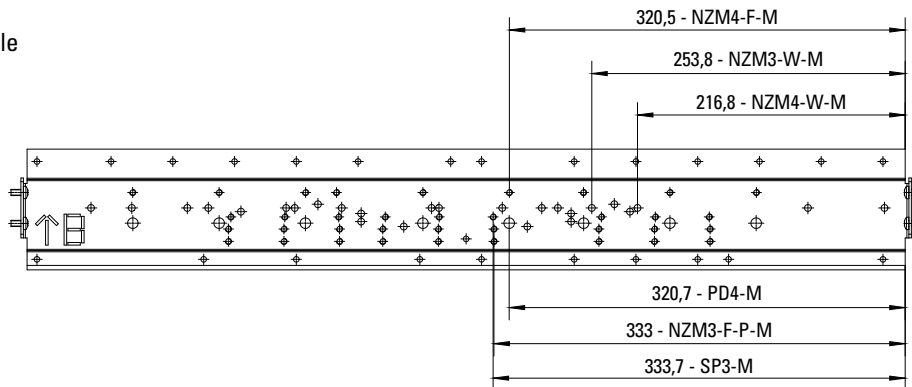
XLMMMS3V8



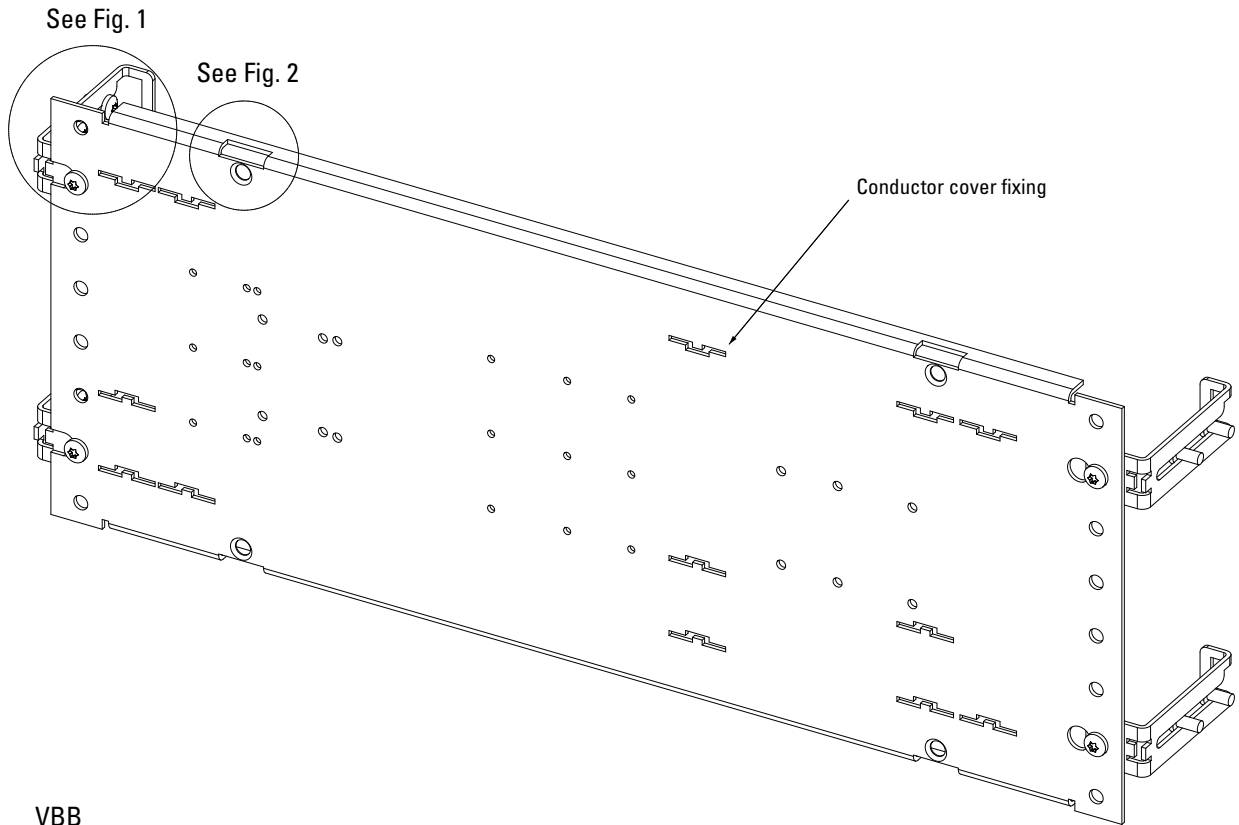
Side by side



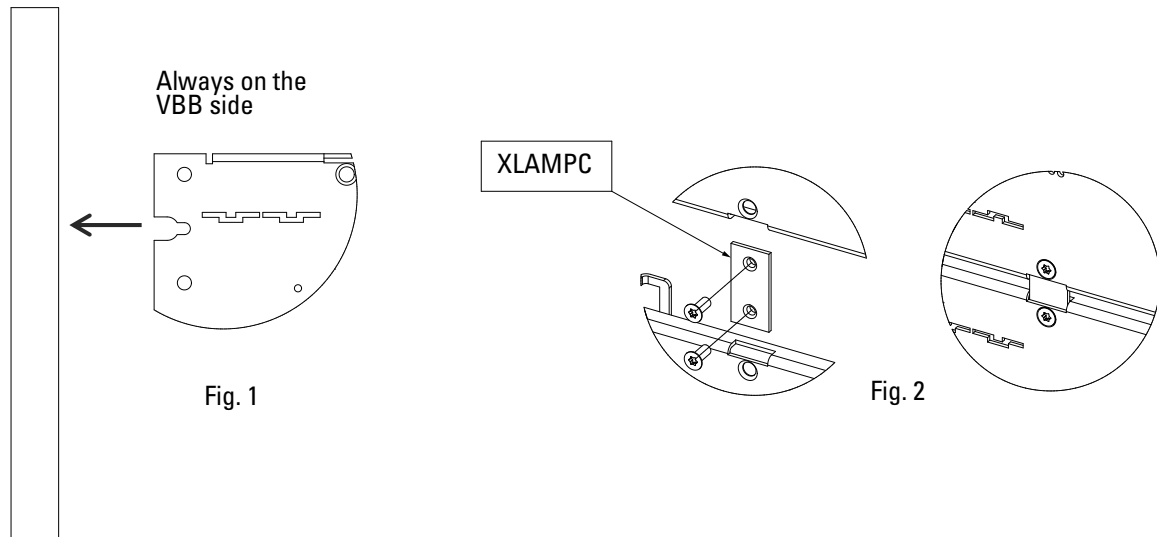
Single



XLMMSHxx

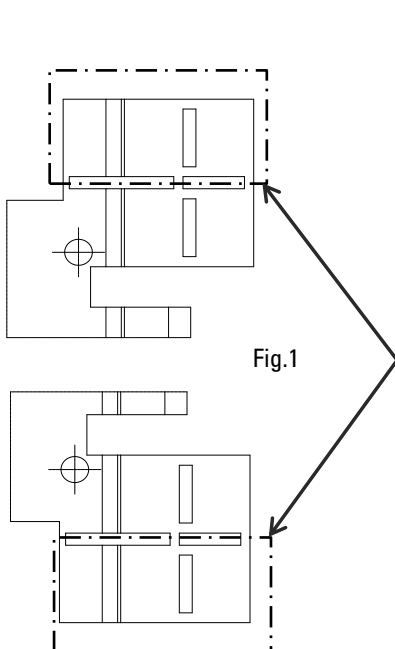
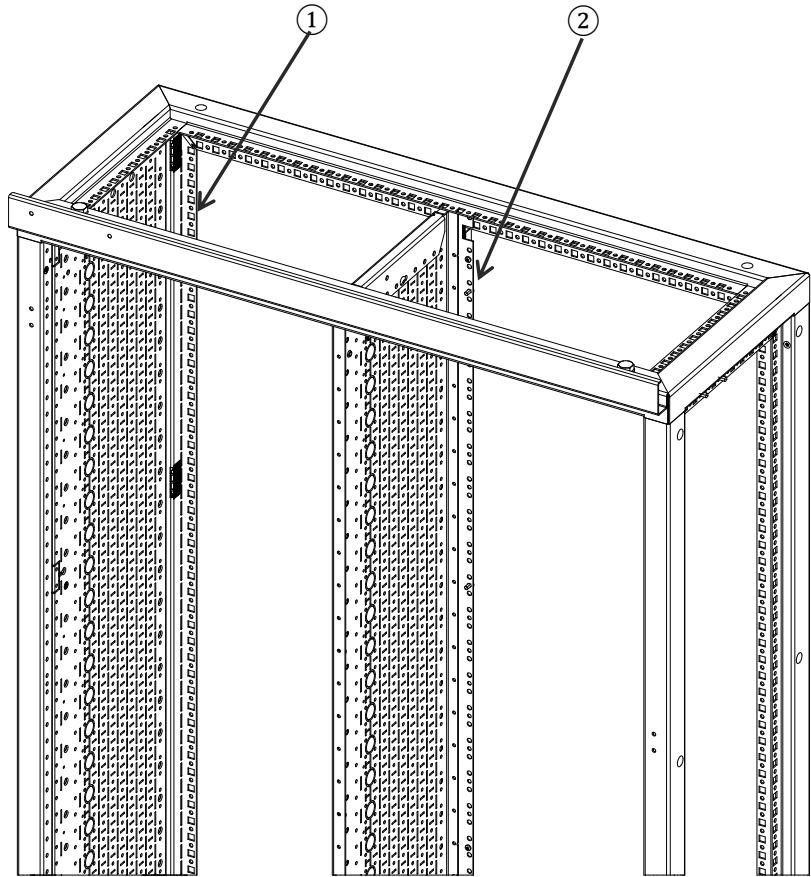
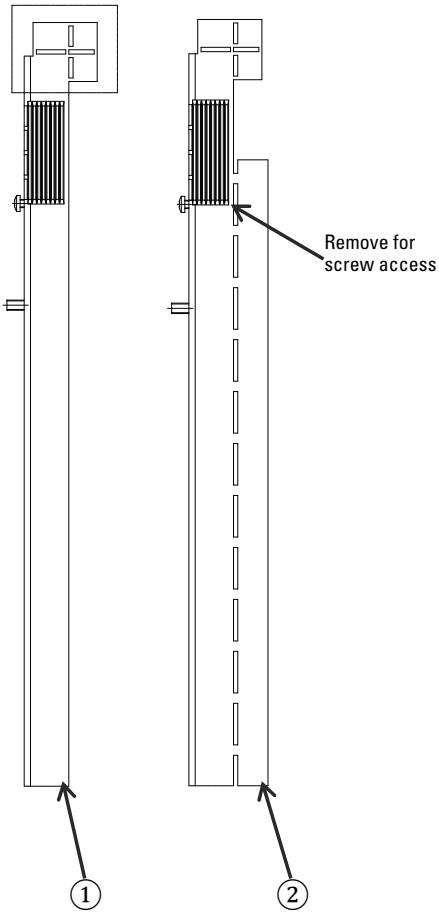


VBB



XLMWLxx

See Fig.1

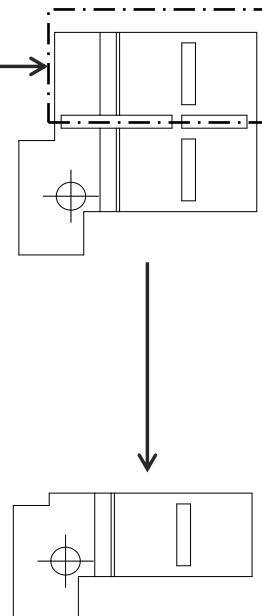


Cut in combination with
XLASRWxx

Use pliers to bend 90 degree before
mounting to the top and bottom frame

Bend back straight after mounting to fulfill
IP2X protection

**Manual bending required in both cases,
when the wall is mounted towards the
center of the frame as well as on the
pillars**



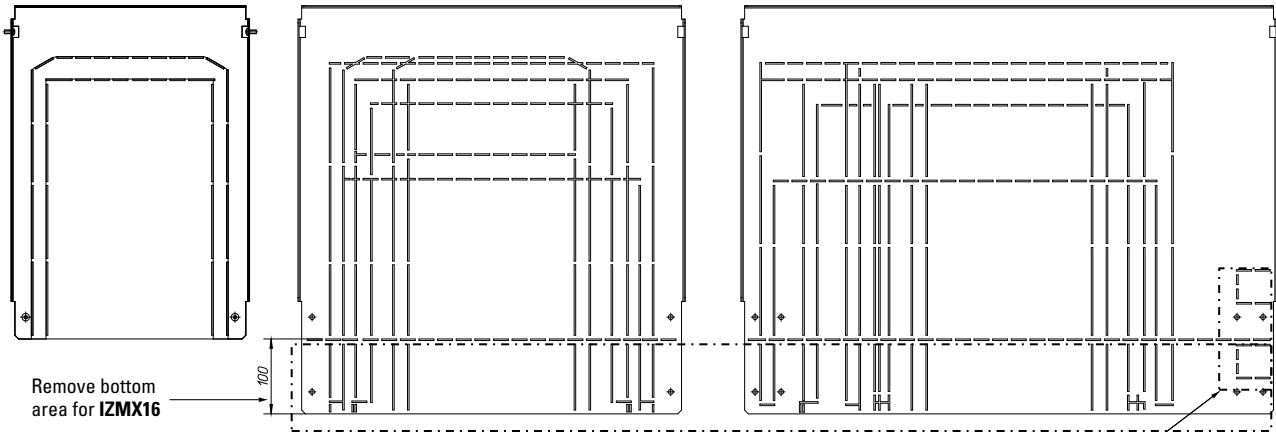
XLPA16Bx

Part Preparation

XLPA16B4

XLPA16B6

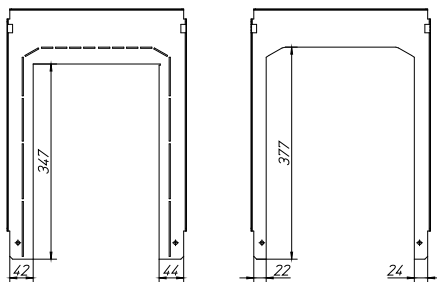
XLPA16B8



XLPA16B4

IZMX16-F-3P

IZMX16-W-3P



Remove for
cable entry

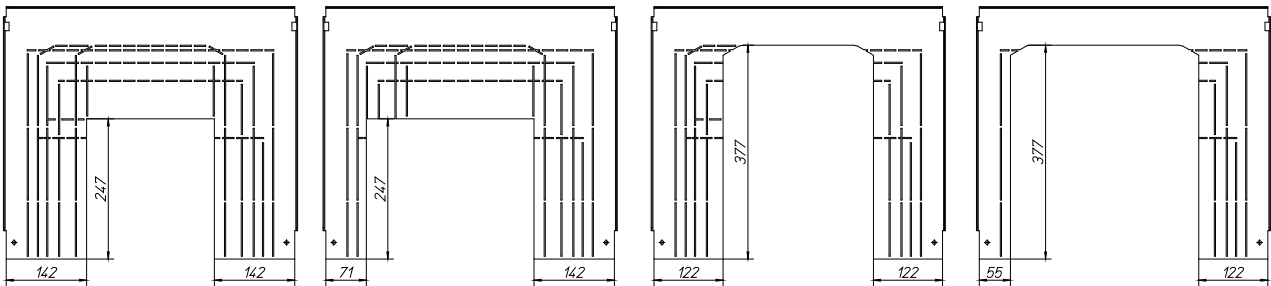
XLPA16B6

IZMX16-F-3P

IZMX16-F-4P

IZMX16-W-3P

IZMX16-W-4P

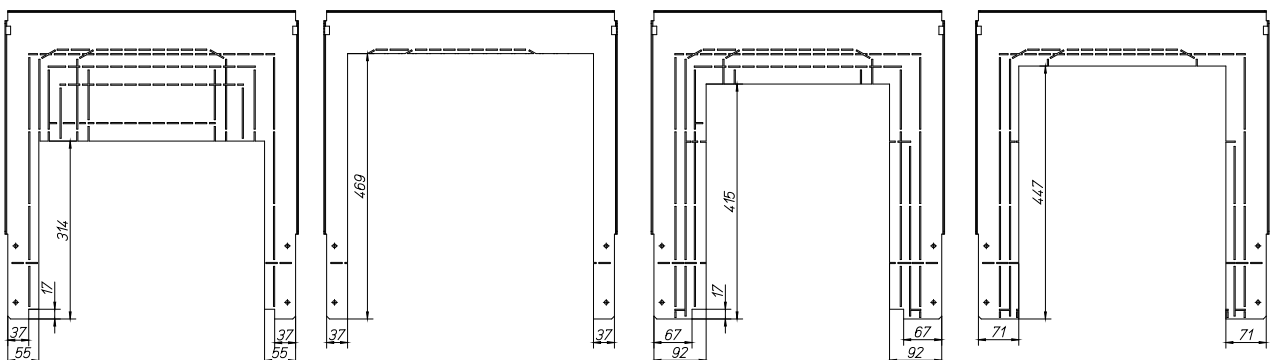


IZMX40-F-3P

IZMX40-W-3P

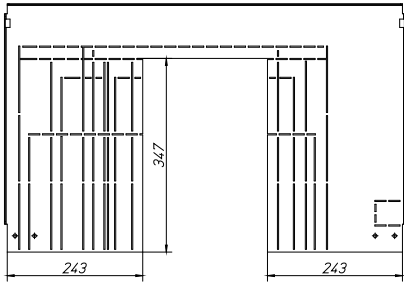
PSL-2000A-F-3P

PSL-2000A-W-3P

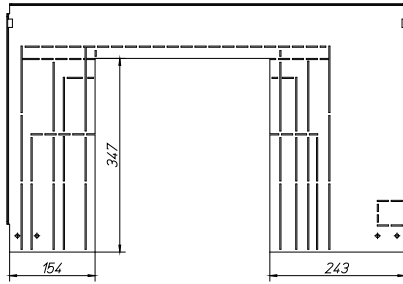


XLPA16B8

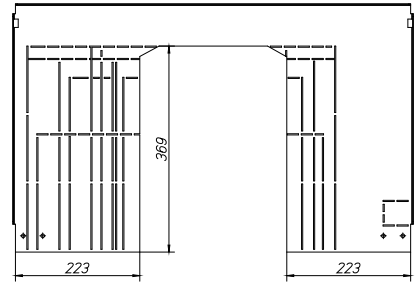
IZMX16-F-3P



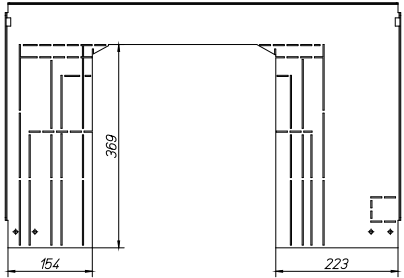
IZMX16-F-4P



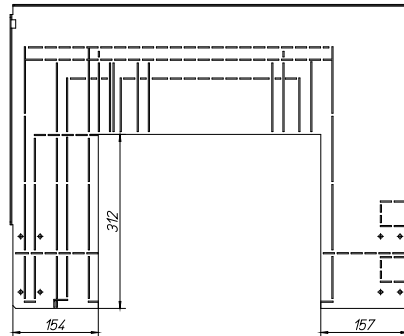
IZMX16-W-3P



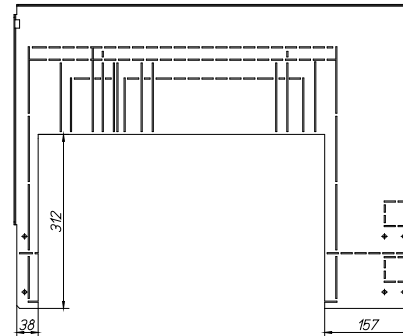
IZMX16-W-4P



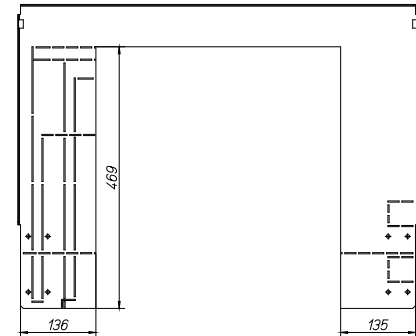
IZMX40-F-3P



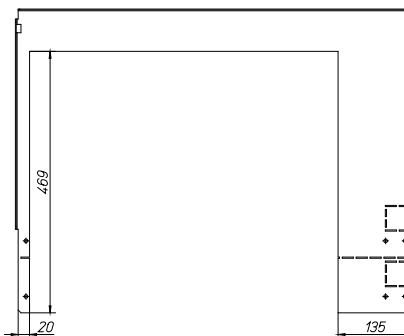
IZMX40-F-4P



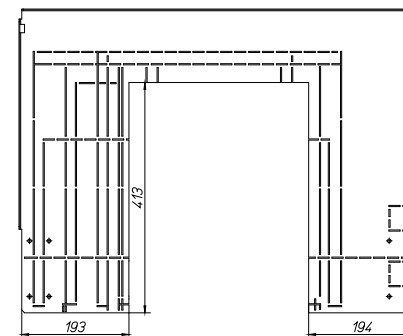
IZMX40-W-3P



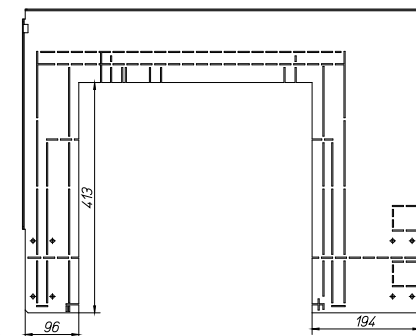
IZMX40-W-4P



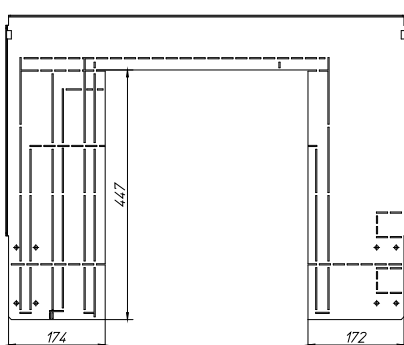
PSL-2000A-F-3P



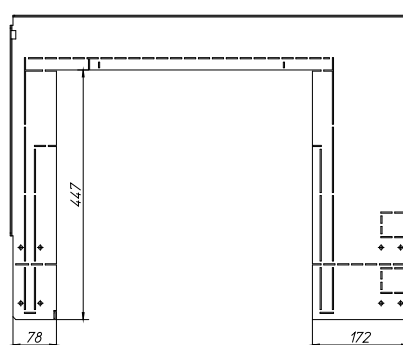
PSL-2000A-F-4P



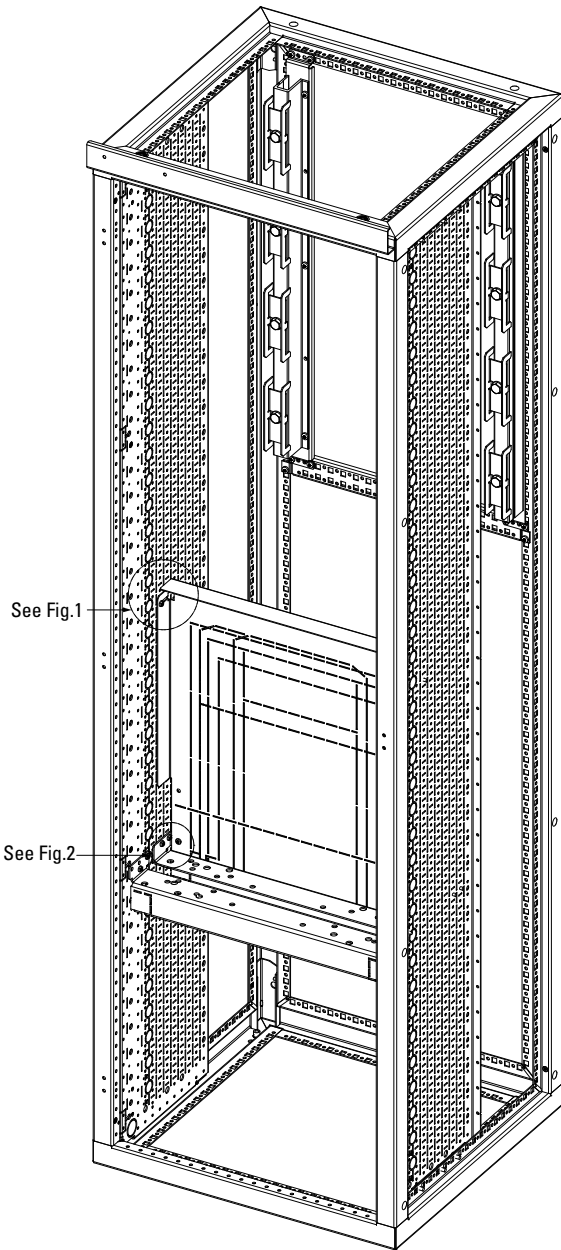
PSL-2000A-W-3P



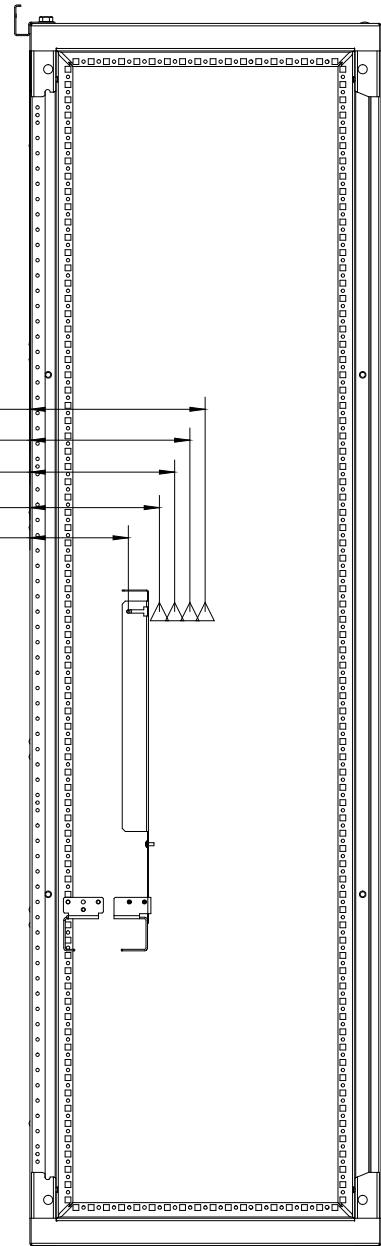
PSL-2000A-W-4P



Installation



- 288mm - PSL800-W
- 263mm - IZMX40-F/W
- 238mm - PSL800-F
- 213mm - IZMX16-W
- 162mm - IZMX16-F



Fix the **M5x10** screws on the side walls. Do not tighten all the way. Hang the part on the screws.

Secure the part with **M5x10** screws onto **XLMPAx**.

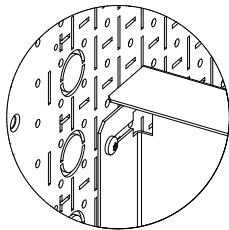


Fig.1

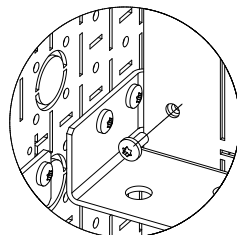
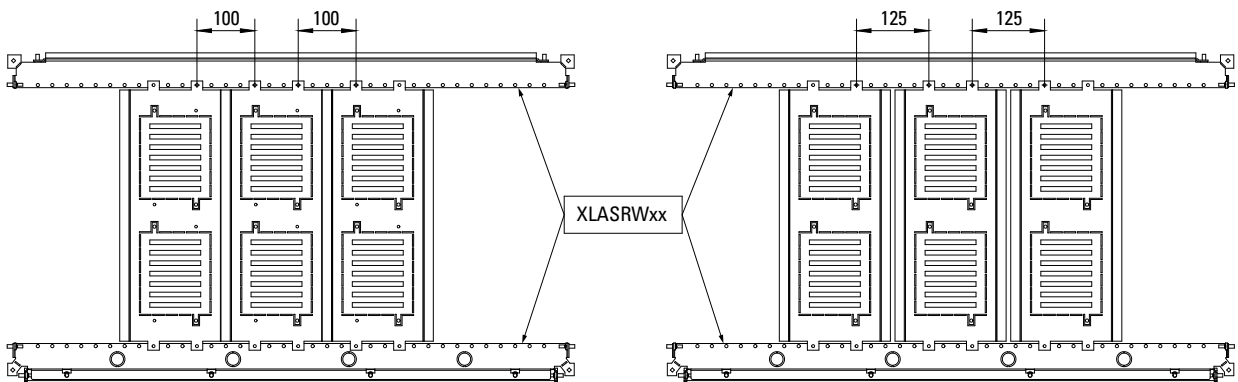
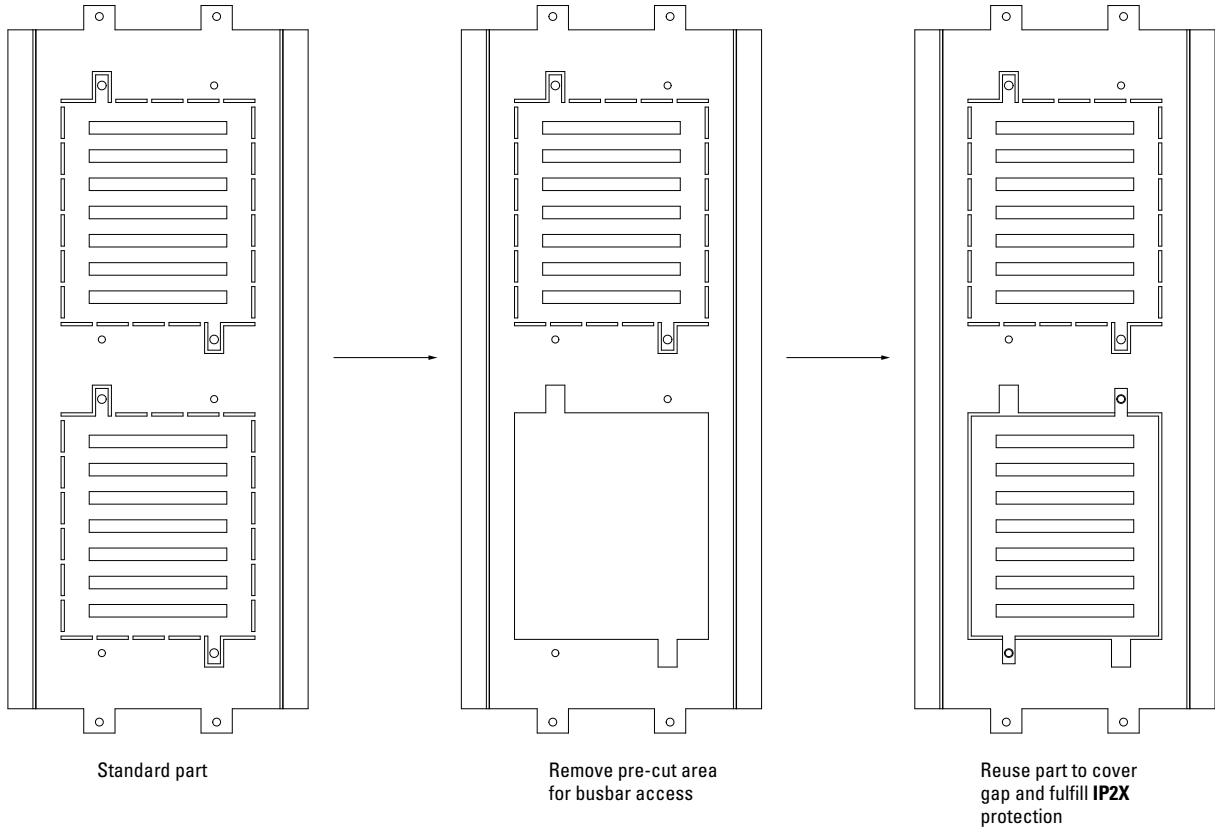


Fig.2

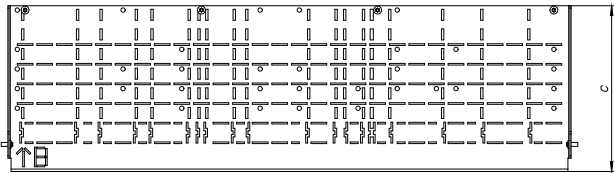
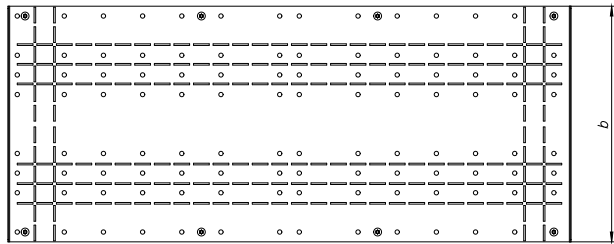
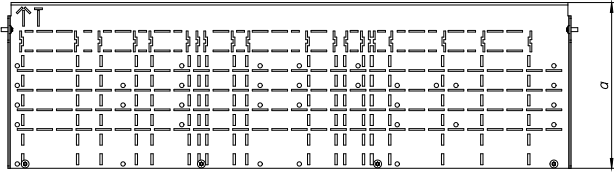
XLPBTxx

Part Preparation



XLPCR_x

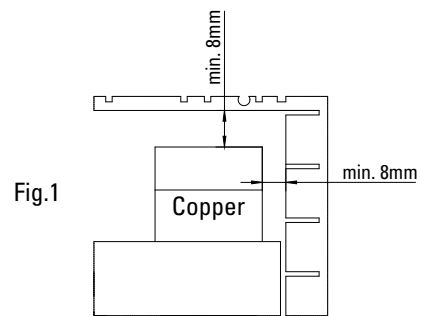
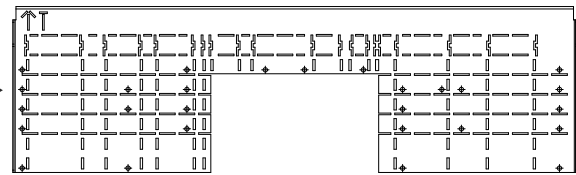
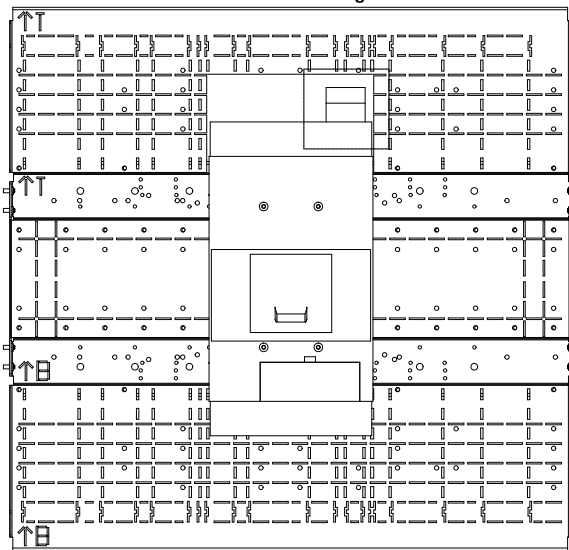
Part Preparation



Cutting dimensions [mm]

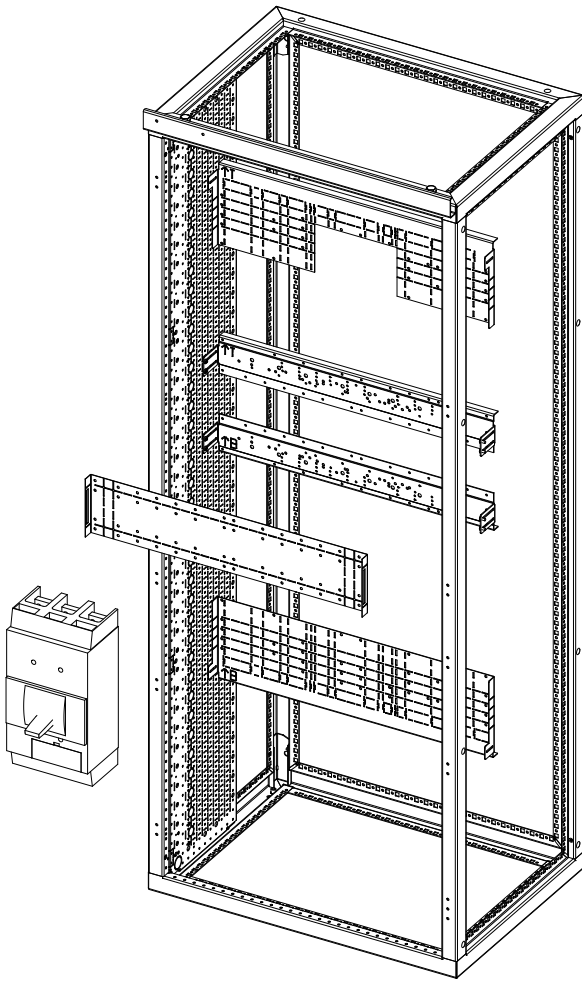
	a	b	c
NZM3-F	111	150	111
NZM3-W	111	150	111
NZM3-P	85	200	85
NZM4-F	211	150	211
NZM4-W	135	300	135
PD3	111	150	111
PD4	135	300	135

See Fig.1



Clearance 8mm for 8kV!

Installation



See Fig.2

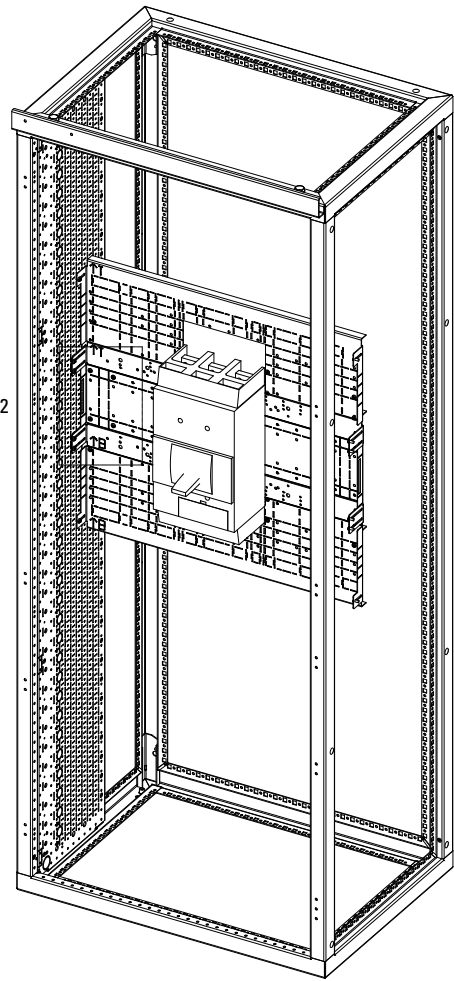
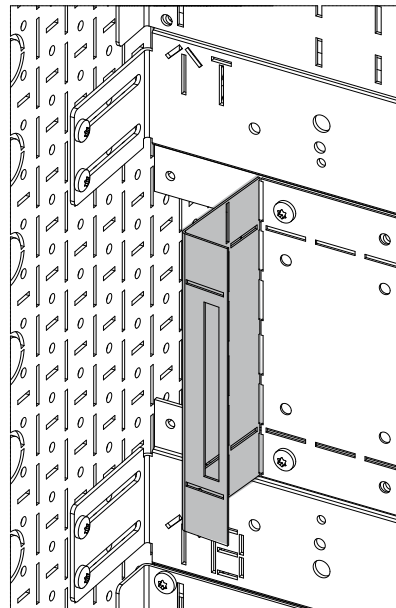
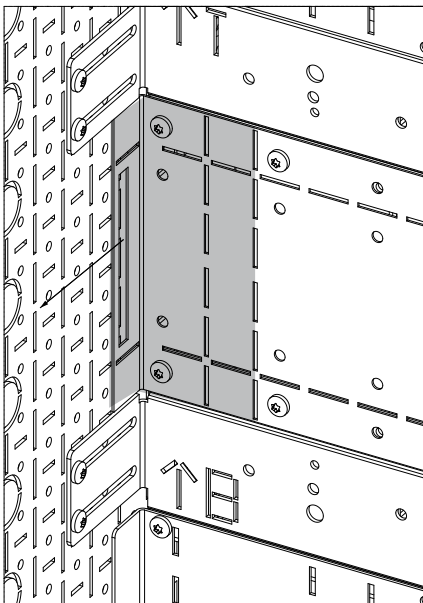
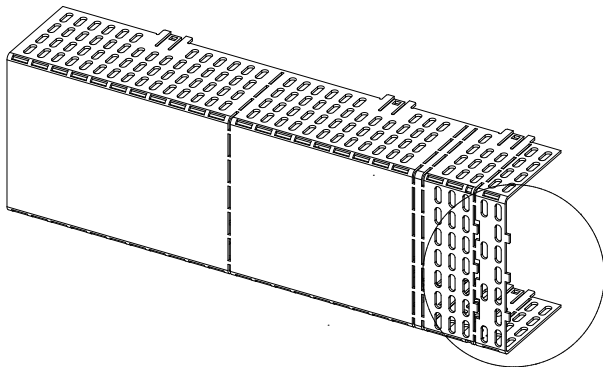


Fig.2



XLPTNxx



See Fig.1

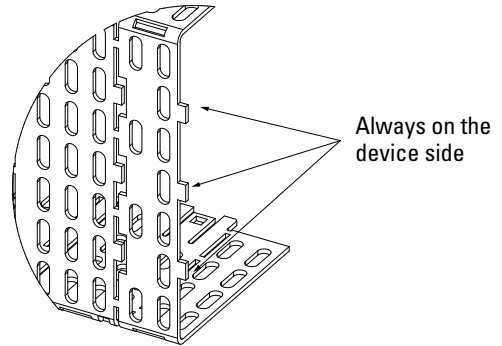
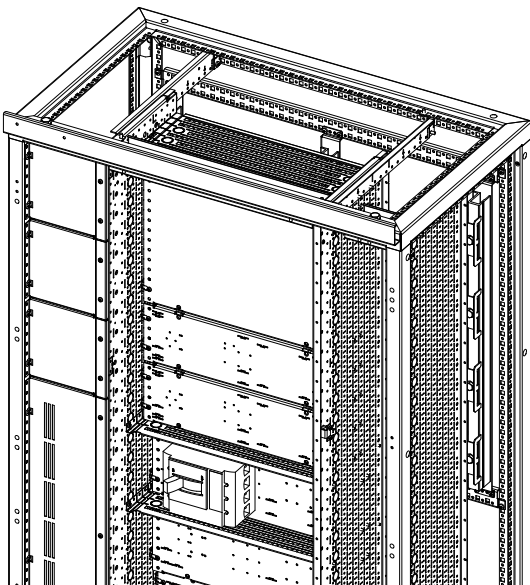
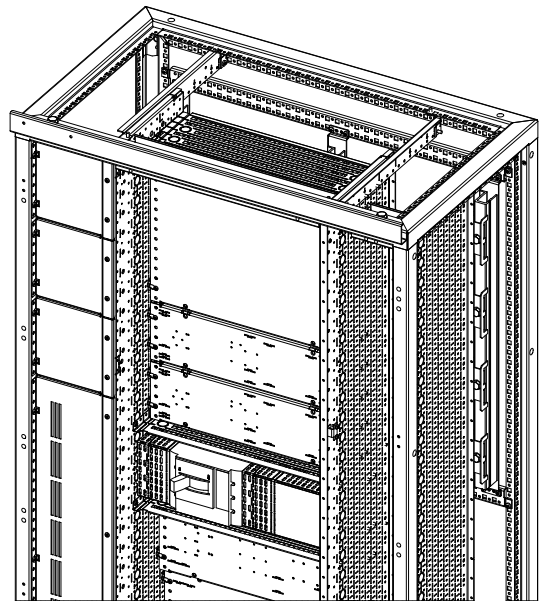


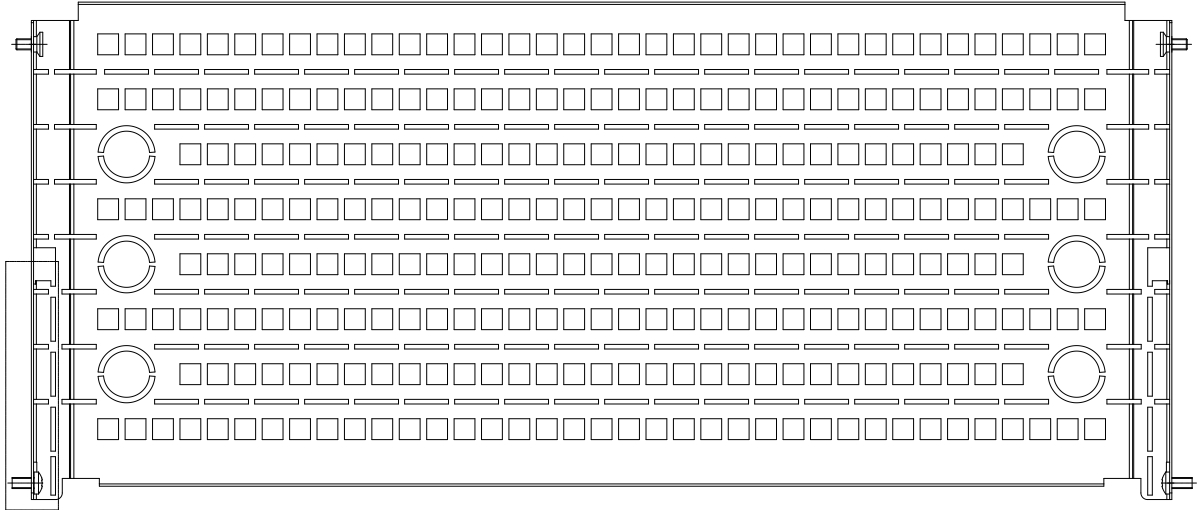
Fig.1

No cover: **Form 4a**



With cover: **Form 4b**



XLPUHxx**Part Preparation**

See Fig. 1

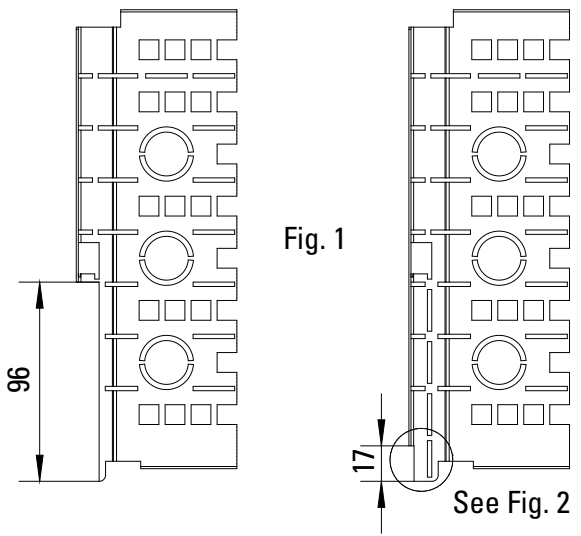
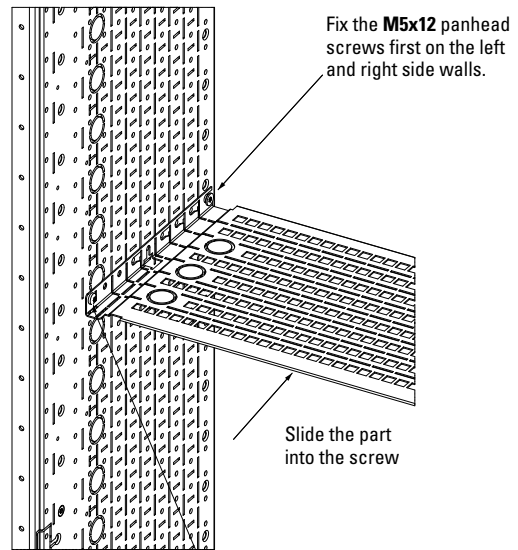
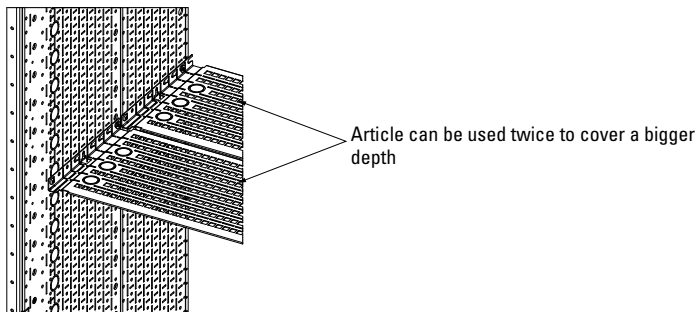


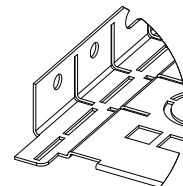
Fig. 1

See Fig. 2

Cut away for **MSW** to fitCut away for **Profi Plus****Installation**Fix in place with the **M5x10** screw

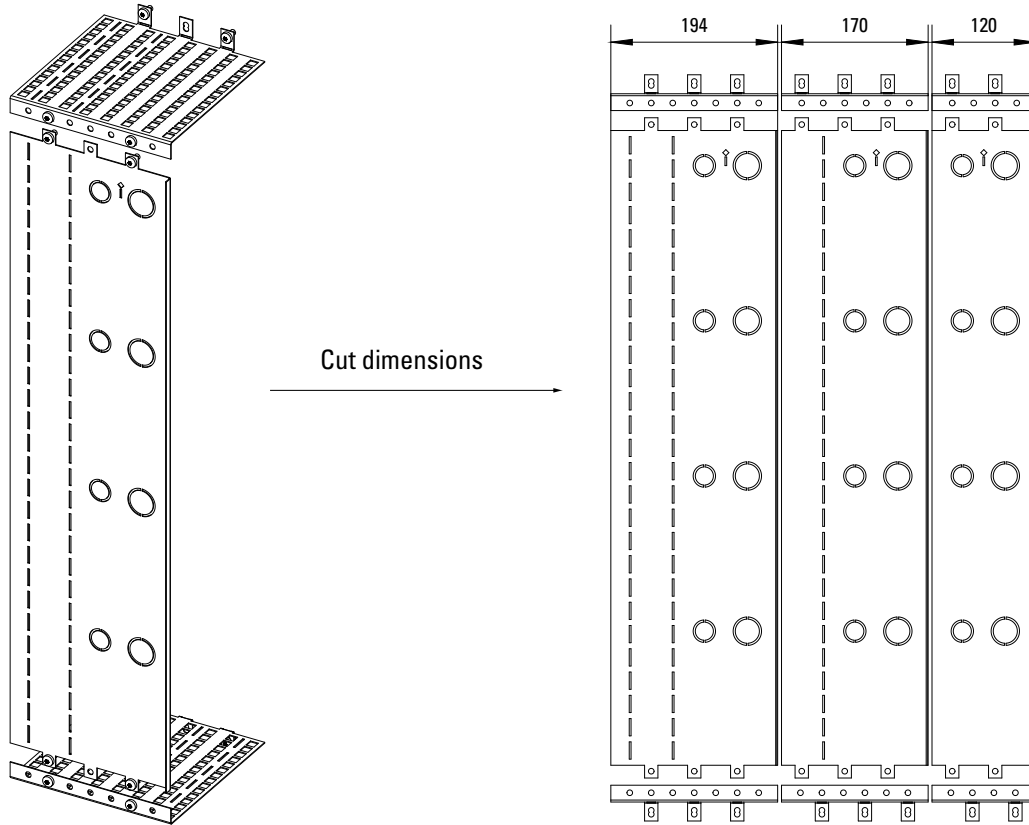
Article can be used twice to cover a bigger depth

Fig. 2



XPBB

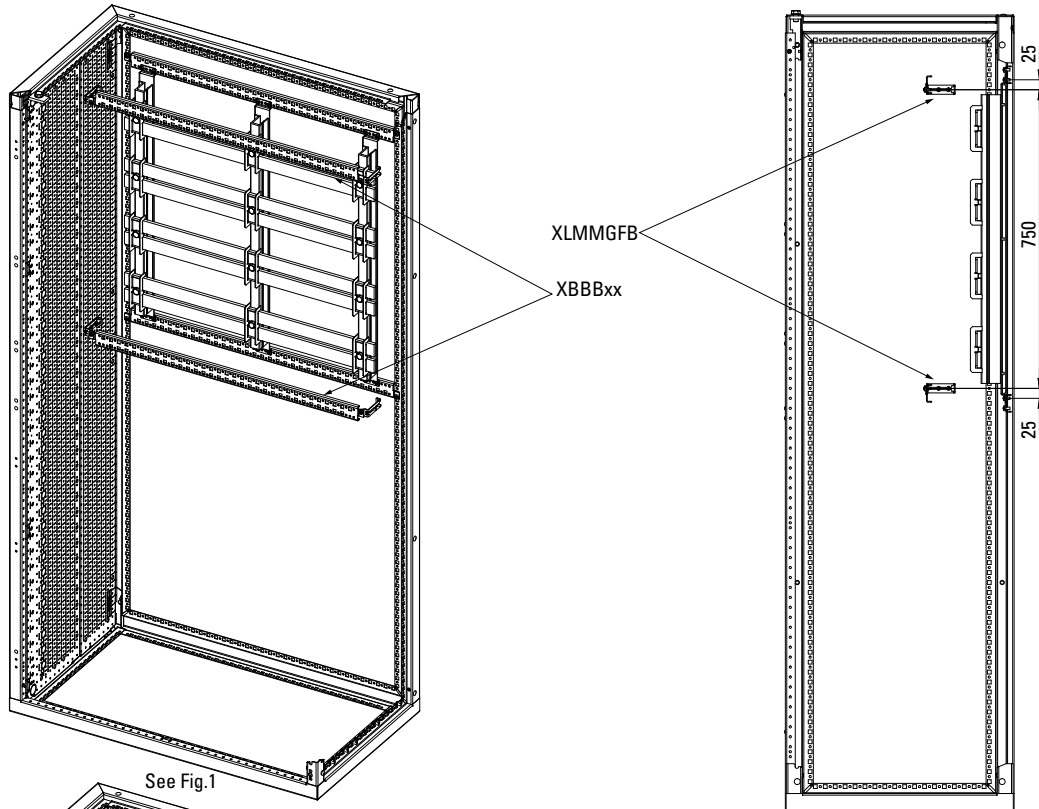
Part Preparation



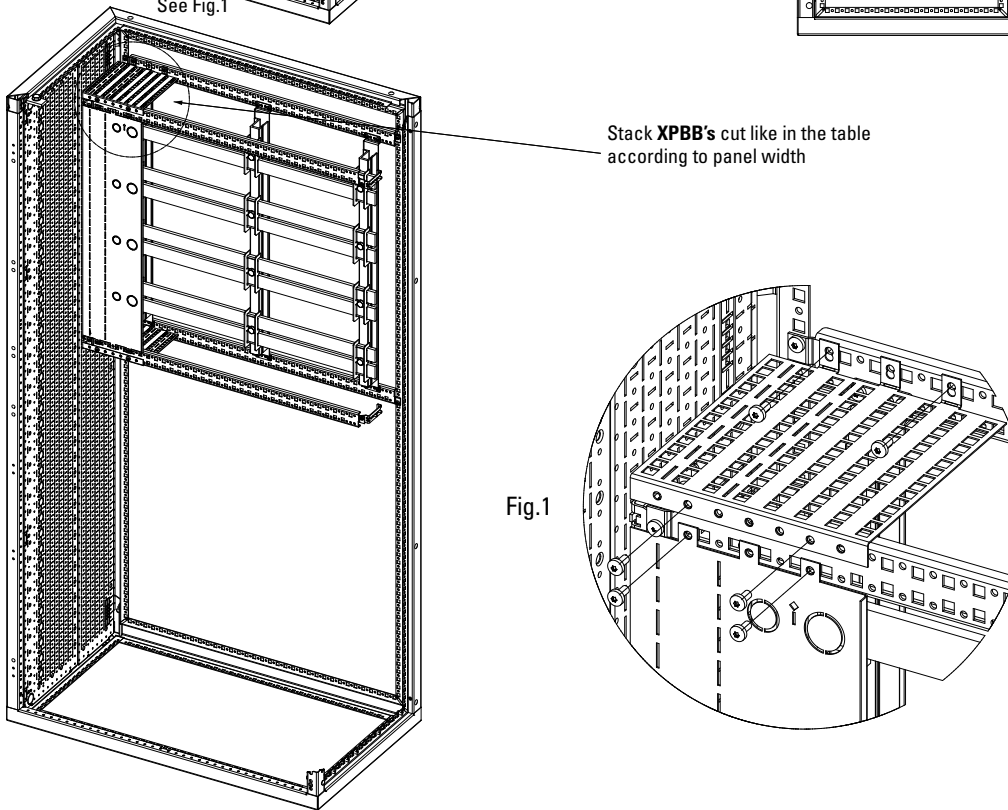
Combinations for panel widths

Panel Width[mm]	425	600	650	800	1000	1100	1200	1350
Cover[mm]	2x170	2x194+120	2x194+170	194+3x120	3x194+120	194+4x170+120	5x194+120	4x194+170+120+170

Installation



See Fig.1



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