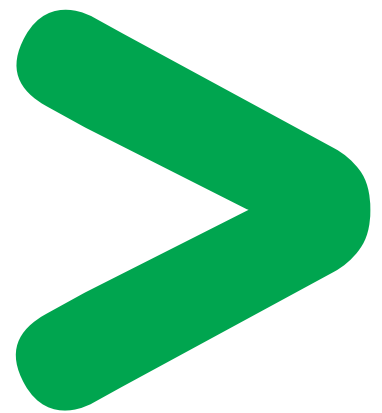


Spacial SFP



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Cat. no.	Designation		Cat. no.	Designation	
01000			04623		
01109	Chocks (4) for Linergy LGY busbars	10, 13	04624	Linergy Evol. horiz. connection 4000 A	8
01130	Linergy LGYE busbar screw plate kit	15	04624	Isolating screen neutral Linergy LGYE	8
03000			04634		
03583	Universal angle brackets (6)	18	04634	Connection plate for 5 mm horizontal bar to lateral Linergy busbar, 1000 A	10
04000			04635		
04229	Voltage tap-offs for tab connectors, M10 (20)	15	04635	Connection plate for 5 mm horizontal bar to lateral Linergy busbar, 1600 A	10, 13, 14
04502	Linergy LGY vertical busbar, 630 A	10, 13	04636	Connection plate for 10 mm horizontal bar, 1600 A	10, 12, 13, 14
04503	Linergy LGY vertical busbar, 800 A	10, 13	04637	Connection plate for 10 mm horizontal bars to vertical flat bar, 3200 A	12
04504	Linergy LGY vertical busbar, 1000 A	10, 13	04638	Connection plate for 10 mm horizontal bars and vertical bars, 4000 A	10, 12
04505	Linergy LGY vertical busbar, 1250 A	10, 13	04640	Joint for 50/60 mm horizontal busbars	9
04506	Linergy LGY vertical busbar, 1600 A	10, 13	04641	Joint for 80/100 mm horizontal busbars	9
04516	Vertical Linergy BS busbar with holes, 60x5 mm	12, 14	04642	Mounting hardware for joint > 80 mm	10, 12, 13, 14
04518	Vertical Linergy BS busbar with holes, 80x5 mm	12, 14	04643	Joint for horizontal busbars, L = 120 mm	9
04525	Vertical Linergy BS busbar with holes, 50x10 mm	12, 14	04645	Screws for connection between vertical and horizontal busbars (20)	12
04526	Vertical Linergy BS busbar with holes, 60x10 mm	12, 14	04646	12 spacers 150mm Linergy LGYE 4000 A	8
04528	Vertical Linergy BS busbar with holes, 80x10 mm	12, 14	04651	Support for lateral vertical Linergy LGY busbars	10
04536	Horizontal Linergy BS busbar without holes, 60x5 mm	9	04652	Support for rear vertical Linergy LGY busbars	13
04538	Horizontal Linergy BS busbar without holes, 80x5 mm	9	04653	Support for rear vertical 5 or 10 mm thick busbars	14
04545	Horizontal Linergy BS busbar without holes, 50x10 mm	9	04658	12 chock for Linergy LGYE 1600 A vert.	11
04546	Horizontal Linergy BS busbar without holes, 60x10 mm	9	04659	12 chock for Linergy LGYE 4000 A vert.	11
04548	Horizontal Linergy BS busbar without holes, 80x10 mm	9	04662	Free support for 5 or 10 mm thick busbars	8, 9, 11, 12, 14
04550	Horizontal Linergy BS busbar without holes, 100x10 mm	9, 12	04664	Support for 5 or 10 mm thick horizontal busbars	8, 9
04552	Horizontal Linergy BS busbar without holes, 120x10 mm	9	04666	Bottom support for lateral vertical 5 or 10 mm thick busbars, W300	11
04560	Linergy LGYE horiz. busbar 630 A	8, 11	04669	Mounting chocks (100) for 5 mm busbars	14
04561	Linergy LGYE horiz. busbar 800 A	8, 11	04671	Support mounting hardware for bars > 80 mm	8, 9
04562	Linergy LGYE horiz. busbar 1000 A	8, 11	04678	D600 5/10 mm busbar free support	9, 11, 12
04563	Linergy LGYE horiz. busbar 1250 A	8, 11	04759	Torque nuts, M8 (20)	15
04564	Linergy LGYE horiz. busbar 1600 A	8, 11	04766	Bolts for lug connection to Linergy busbars (20)	15
04565	Linergy LGYE horiz. busbar 2000 A	8, 11	04767	Bolts for bar connection to Linergy busbars (20)	15
04566	Linergy LGYE horiz. busbar 2500 A	8, 11	04768	Set of 12 screwplates for Linergy LGYE 2500 A	15
04567	Linergy LGYE horiz. busbar 3200 A	8, 11	04769	Set of 8 screwplates for Linergy LGYE 4000 A	15
04568	Linergy LGYE horiz. busbar 4000 A	8, 11	04772	M8 Washers for insulated flexible bars (20), external diameter 20 mm	15
04602	Linergy LGYE vert. connection 1600 A	10, 13	04773	M8 Washers for insulated flexible bars (20), external diameter 24 mm	15
04603	Linergy LGYE shift vert. connection 1600 A	10	04774	M8 Washers for insulated flexible bars (20), external diameter 28 mm	15
04604	Linergy LGYE vert. short connection 2500 A	11	04775	M8 conducting washers for lugs ≤ 25 mm ² (20), external diameter 20 mm	15
04605	Linergy LGYE vert. long connection 2500 A	11	04782	Bolts for bars (20), M8 x 20	15
04607	Linergy LGYE vert. connection 4000 A	11			
04620	Linergy LGYE horiz. connection 1600 A	8			
04621	Linergy LGYE horiz. connection 2500 A	8			

Cat. no.	Designation		Cat. no.	Designation	
04783	Bolts for bars (20), M8 x 25	15	NSYAS600	Bottom support for lateral vertical busbar D600	11, 12
04784	Bolts for bars (20), M8 x 30	15	NSYAS800	Bottom support for lateral vertical busbar D800	11, 12
04785	Bolts for bars (20), M8 x 35	15	NSYAS800L	Bottom support for lateral vertical busbar D800, 115 mm spacing	11, 12
04786	Bolts for bars (20), M8 x 40	15	NSYBHS500	Horizontal busbar support W300, D500	9
04787	Bolts for bars (20), M8 x 45	15	NSYBHS600	Horizontal busbar support W300, D600	9
04788	Bolts for bars (20), M8 x 50	15	NSYBHS800	Horizontal busbar support W300, D800	9
04794	Linery markers (12)	15	NSYBHS800L	Horizontal busbar support D800, 115 mm spacing	9
04901	Form 3 horizontal partition	18	NSYBVS500	Vertical lateral busbar support D500	11, 12
04911	Inter-cubicle partition, D400	17	NSYBVS600	Vertical lateral busbar support D600	11, 12
04924	Form 2 restoration kit for side barrier cut-out	17	NSYBVS800	Vertical lateral busbar support D800	11, 12
04943	Rear support for Form 3 partition	18	NSYBVS800L	Vertical lateral busbar support D800, 115 mm spacing	11, 12
04946	Form 4 backplate for front connection, D600	19	NSYEC351	Entry cable gland plate W300, D500	21
04951	Form 4 gland plate, 3 or 4 modules	19	NSYEC381	Entry cable gland plate W300, D800	21
04952	Form 4 gland plate, 5 or 6 modules	19	NSYEC651	Entry cable gland plate W300, D600	21
04955	Form 3 vertical partition for rear connection, 3 or 4 modules	18	NSYEC751	Entry cable gland plate W700, D500	21
04956	Form 3 vertical partition for rear connection, 5 or 6 modules	18	NSYEC761	Entry cable gland plate W700, D600	21
06000			NSYEC781	Entry cable gland plate W700, D800	21
06461	20 bolts, M6	21	NSYEL166D8	Earthing lead, 6 mm ² section, 160 mm length, 8.3 mm terminal	21
06502	Adapted uprights H2000 (2)	10	NSYEL3525D8	Earthing lead, 25 mm ² section, 350 mm length, 8.3 mm terminal	21
06540	Form 2 front back barrier W300	17	NSYS5GPC35	Seismic plinth H100 700 x 500	22
06541	Form 2 side barrier ext. to D600	17	NSYS5GPC38	Seismic plinth H100 300 x 500	22
06543	Form 2 side barrier ext. to D800	17	NSYS5GPC75	Seismic plinth H100 700 x 800	22
06545	Side barrier form 2 D500	17	NSYS5GPC78	Seismic plinth H100 300 x 800	22
06555	Inter-cubicles cover D500	17	NSYSF20350	SF plain door W300, D500	20
06558	Inter-cubicles cover D800	17	NSYSF20360	SF plain door W300, D600	20
06560	Form 2 horiz. cover W300, D500	17	NSYSF20380	SF plain door W300, D800	20
06561	Form 2 horiz. cover W300, D600	17	NSYSFBK19	Coupling kit	21
06563	Form 2 horiz. cover W300, D500+300	17	NSYSFEB	4 lifting eyes M12	21
06565	Inter-cubicles cover D600	17	NSYSFELB	4 lifting brackets	21
06567	Form 2 horiz. cover 4M W700, D500+300	17	NSYSFP20750	SFP plain door W700, D500	20
06568	Form 2 horiz. cover 4M W300, D500+300	17	NSYSFP20750T	SFP glazed door W700, D500	20
06570	Form 2 horiz. cover W700, D500	17	NSYSFP20760	SFP plain door W700, D600	20
06600	Form 4 partition for FU 3 to 5 modules	19	NSYSFP20760T	SFP glazed door W700, D600	20
06601	Form 4 partition for FU 4 to 6 modules	19	NSYSFP20780	SFP plain door W700, D800	20
06604	Transfert in duct w/o connection 630 A 3P	19	NSYSFP20780T	SFP glazed door W700, D800	20
06605	Transfert in duct w/o connection 630 A 4P	19	NSYSFPA	Adapter uprights to install Linergy LGY, LGYE, BS busbar	20
06606	Transfert in duct w/o connection 250 A 3P	19	NSYSFP3100	Front plinth 100x300	21
06607	Transfert in duct w/o connection 250 A 4P	19	NSYSFP3200	Front plinth 200x300	21
08000			NSYSFP7100	Front plinth 100x700	21
08566	Front plate support frame, W650	20	NSYSFP7200	Front plinth 200x700	21
08911	Earthing wire, 6 mm ²	21	NSYSPPS5100	2 plinth side panels 100x500	21
NSY			NSYSPPS5200	2 plinth side panels 200x500	21
NSY2SP205	Set of 2 lateral panels D500	20	NSYSPPS6100	2 plinth side panels 100x600	21
NSY2SP206	Set of 2 lateral panels D600	20	NSYSPPS6200	2 plinth side panels 200x600	21
NSY2SP208	Set of 2 lateral panels D800	20	NSYSPPS8100	2 plinth side panels 100x700	21
NSYAS500	Bottom support for lateral vertical busbar D500	11, 12	NSYSPPS8200	2 plinth side panels 200x700	21
			NSYSUCR40200	Universal cross rail 40mm (1 row) for H2000	20

Electrical switchboards ...

The Prisma functional system can be used for all types of low-voltage distribution switchboards up to 4000 A, in commercial and industrial environments.

PB602719_50.eps



PB602720_72.eps



Switchboard design is very simple



① A metal structure

made up of one or more frameworks combined side-by-side or back-to-back.

② A distribution system

positioned in a lateral compartment or at the rear of the cubicle are used to distribute electricity throughout the switchboard.

③ Complete functional units

- dedicated mounting plate for device installation
- front plate to block direct access to live parts.
- devices for on-site connections.

The functional units are modular and are arranged rationally, one on top of another, within the enclosure. The components of the Spacial SFP and those of the functional units in particular have been designed and tested taking into account device characteristics.

This design approach ensures a high degree of reliability in system operation and optimum safety for personnel.

Advantages of Prisma system switchboards



① A safe electrical installation

The total compatibility of Schneider Electric devices with the Prisma system is a key advantage in ensuring a high level of installation dependability.

② An upgradeable electrical installation


Thanks to modular design, Spacial SFP switchboards can be modified easily to integrate new functional units as needed.

③ Total safety for personnel

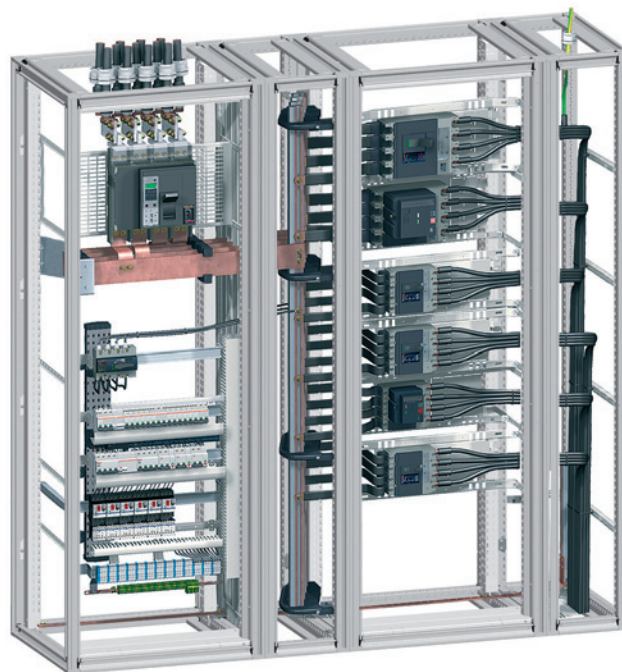
Work in a switchboard must be carried out by authorised persons in compliance with all applicable safety regulations. To increase the safety of personnel, devices are installed behind protective front plates; only the operating handles are accessible. Additional internal protection (partitions, barriers) is available to create form 2, form 3 and form 4 separation to protect against direct contacts with live parts.

Terminal shields are mandatory for installation of Compact NSX and INS/INV devices in Prisma system enclosures.

... Up to 4000 A

 Use of the components in the Prisma functional system ensures the creation of switchboards complying with standards IEC 50298, IEC 61439-1&2.

PB500740.eps



Electrical characteristics



- Rated insulation level of main busbars: 1000 V
- Rated operational current Ie: 4000 A
- Rated peak withstand current Ipk: 220 kA
- Rated short-time withstand current Icw: 100 kA rms/1 second
- Frequency: 50/60 Hz.

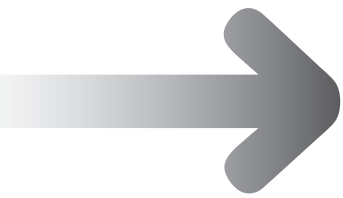
Mechanical characteristics



- Steel sheet metal.
- Electrophoresis treatment + hot-polymerised polyester epoxy powder.
- Grey colour RAL 7035.
- Can be dismantled.
- Can be combined side-by-side and back-to-back.
- Degree of protection: IP55.
- Degree of protection against mechanical impacts: IK10 with door.
- Framework dimensions:
 - two widths:
 - W 300: cable compartment
 - W 700: device compartment or cable compartment
 - three depths:
 - D500 up to 1600 A with incoming Masterpact NT only
 - D600 up to 1600 A with incoming Masterpact NT only. Possibility to connect with cables from rear
 - D800 up to 4000 A with incoming Masterpact NT or NW. Possibility to connect to cables from rear or to connect to rear vertical busbars
 - height: 2000 mm
- Indoor cubicles.



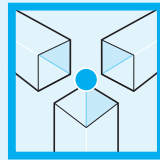
Electrical switchboards built using the Prisma functional system and Schneider Electric recommendations fully comply with international standard IEC 61439-1&2.



Spacial SFP functional system

The forms according to IEC 61439-1&2

Decisions concerning the Form of separation and the degree of protection are the subject of an agreement between the manufacturer and the user.



In most installations, Spacial SFP cubicles do not require partitioning. In this case, the switchboard is a Form 1.

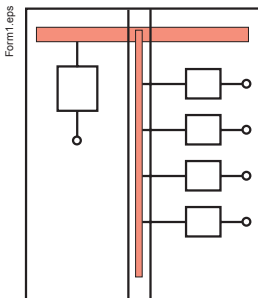
Safety being one of its foremost goals, Schneider Electric offers options and features that go well beyond the recommendations of the standard.

The protection of life and property is a standard feature due to:

- front plates that require a tool to be removed
- keylocks on doors, some of which provide access to live parts
- the systematic installation of terminal shields on Compact NSX circuit breakers and Compact INS and INV switch-disconnectors
- covering of the upstream and downstream terminals on the incoming device so that operators are perfectly safe at all points in the switchboard when the incoming device is off (open).

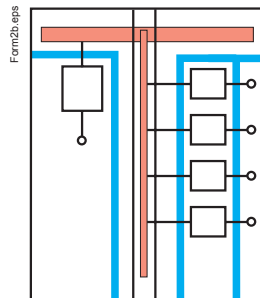
What is more, Spacial SFP offers different levels of partitioning to create separations inside the cubicles and thus create Form 2b, 3b, 4a and 4b electrical switchboards. Electrical switchboards must meet the degree of protection IP2X to comply with standard IEC 61439-1&2.

Form 1



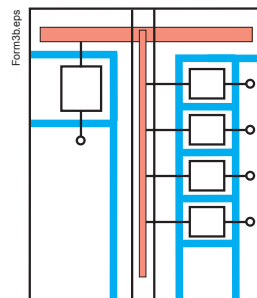
In most installations, Spacial SFP cubicles do not require partitioning. In this case, the switchboard is a Form 1. Safety being one of its foremost goals, Schneider Electric offers options and features that go well beyond the recommendations of the standard.

Form 2b



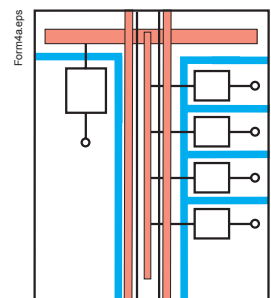
- Terminals for external conductors separated from busbars.
- The functional units and the terminals are separated from the busbars.

Form 3b



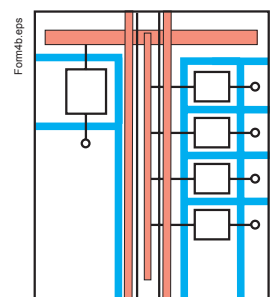
- Terminals for external conductors separated from busbars.
- The functional units are separated from each other and from the busbars.
- The terminals are separated from the busbars, but not from each other.

Form 4a



Terminals for external conductors in the same compartment as the associated functional unit.

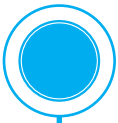
Form 4b



Terminals for external conductors not in the same compartment as the associated functional unit, but in individual, separate, enclosed protected spaces or compartments.



Switchgears



Upgradeable Prisma functional units

Functional units include switchgear mounting plates, front plates, connection supports, barriers...

Masterpact
NW08 to NW40



Masterpact
NT06 to NT16



Compact NSX
up to 630 A



Compact NS
from 630b to 1600 A



Compact NS
up to 3200 A



Easypact
from 100 to 630 A



Compact INS-INV250-630 A



Compact INS-INV630-2500 A



Source changeover systems
Compact/Masterpact



Source changeover systems
Compact INS

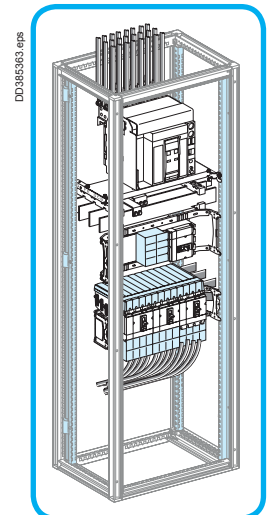


Fupact
from 32 to 1250 A



Multi 9 - Acti 9

Accessories



For more informations, see the catalogue Prisma P DESW016EN.

Linery LGYE profiles										
Installation in Spacial SFP		Up to 1600 A					Up to 4000 A			
Linery profile, 2000 mm length										
Permissible current for an ambient temperature of 35 °C around the switchboard		630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A
IP ≤ 31		630 A	800 A	1000 A	1250 A	1650 A	2000 A	2440 A	3200 A	3620
IP > 31		530 A	680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3350
Number of profiles per phase		1					1			
Total number of vertical modules (50 mm)		3					4			
Cat. no.		04560	04561	04562	04563	04564	04565	04566	04567	04568

Busbar supports									
Characteristics		2 fixed supports for Spacial SFP 700 wide frame are compulsory. 1 fixed support for 300/400 wide frame are compulsory. If more supports are needed, add free supports.							
In cubicle:	Number of supports	≤ 15	2						
W700	depending on I _{cw}	≤ 25	2						
Busbar supports	depending on I _{cw}	≤ 30	2						
75 mm distance between	(kA rms/1 s)	≤ 40	-		2				
		≤ 50	-		2				
		≤ 60	-		2+1		2		
		≤ 65	-		-		2+1		
		≤ 75	-		-		2+1		
		≤ 85	-		-		2+1		
		≤ 100	-		-		2+2		
Cat. no.	Fixed support	04664		04664 + 04671 (order 1 per support)			04664 + 04646 (sold in lots of 12 spacers)		
Cat. no.	Free support	04662		04662 + 04671 (order 1 per support)			04662 + 04646 (sold in lots of 12 spacers)		
In duct:	Number of supports	≤ 15	1						
W300	depending on I _{cw}	≤ 25	1						
Busbar supports	depending on I _{cw}	≤ 30	1						
75 mm distance between	(kA rms/1 s)	≤ 40	1						
		≤ 50	1						
		≤ 60	1						
		≤ 65	1 + 1						
		≤ 75	1 + 1						
		≤ 85	1 + 1						
		≤ 100	-		1 + 1				
Cat. no.	Fixed support	04664		04664 + 04671 (order 1 per support)			04664 + 04646 (sold in lots of 12 spacers)		
Cat. no.	Free support	04662		04662 + 04671 (order 1 per support)			04662 + 04646 (sold in lots of 12 spacers)		

Joints										
		Up to 1600 A					Up to 4000 A			
		630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A
Cat. no.		04620		04623			04624			
		3 x 04620 (3P)		4 x 04620 + 04624 (4P)			3 x 04621 (3P)		3 x 04623 (3P)	
							4 x 04621 + 04624 (4P)		4 x 04623 + 04624 (4P)	
Note		Reference 04624 is compulsory when installing jointed Linery LGYE 4P busbars and must be fitted where the frames meet. When installed at the bottom of a cubicle, the busbar must be partitioned.								




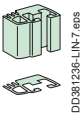

Note: for accessories, see page 15.

Flat busbars		Up to 1600 A				Up to 4000 A					
Installation in Spacial SFP Copper bar, 2000 mm length											
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31	800 A	1000 A	1400 A	1800 A	1800 A	2050 A	2300 A	2820 A	3300 A	3760 A
	IP > 31	750 A	900 A	1250 A	1600 A	1600 A	1850 A	2000 A	2500 A	2900 A	3340 A
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	120 x 10
Number of busbars per phase		1	1	2	2	1	2	2	2	2	2
Total number of vertical modules (50 mm)		3									4
Cat. no.		04536	04538	04536	04538	04548	04545	04546	04548	04550	04552

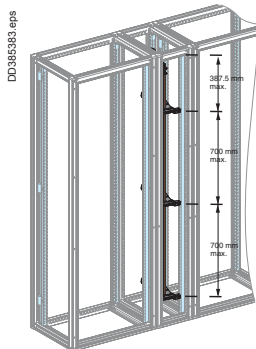
Busbar supports											
		Fixed support 04664		Free support 04662							
In cubicle: W700 with 75 mm distance between bars	Characteristics	2 fixed supports for Spacial SFP 700 wide frame are compulsory. 1 fixed support for 300/400 wide frame are compulsory. If more supports are needed, add free supports.									
	Number of supports	≤ 15	2								
In duct: W300 with 75 mm distance between bars	depending on l _{cw} (kA rms/1 s)	≤ 25	2+1		2						
	≤ 30	2+1		2							
	≤ 40	2+1		2							
	≤ 50	-	2+1		2						
	≤ 60	-			2+1						
	≤ 75	-			2+2		2+1				
Cat. no.	Fixed support	04664		04664		04664 + 04671					
	Free support	04662		04662		04662 + 04671					
In cubicle W700 with 115 mm distance between bars	Number depending on l _{cw} (kA rms/1 s)	≤ 30	-		2						
	≤ 40			2+1		2					
Cat. no.	Fixed support			NSYBHS800L		NSYBHS800L + 04671					
	Free support			04678		04678 + 04671					
In duct W300 with 115 mm distance between bars	Number depending on l _{cw}	≤ 50	-		1						
	≤ 85			2							
Cat. no.	Fixed support			NSYBHS800L		NSYBHS800L + 04671					
	Free support			04678		04678 + 04671					


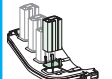
Joints		Up to 1600 A				Up to 4000 A					
Installation in Spacial SFP		1 vertical bar per phase		2 vertical bars per phase		1 vert. bar per phase		2 vertical bars per phase			
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	120 x 10
Sliding joints with self-breaking lock nut		04640			04641						
Cat. no.		04640	04641	04640	04641	04641	04640	04640	04641	04641	04643

Note: When installed at the bottom of a cubicle, the busbar must be partitioned.

Linergy LGY profiles		Up to 1600 A (single busbar)				
In Spacial SFP duct		W300				
Linergy profile, 1670 mm length						
		DD381233-LIN-7.eps	DD381234-LIN-7.eps	DD381235-LIN-7.eps	DD381236-LIN-7.eps	DD381237-LIN-7.eps
Permissible current for an ambient temp. of 35 °C around the switchboard		630 A	800 A	1000 A	1250 A	1600 A
IP ≤ 31		680 A	840 A	1040 A	1290 A	1650 A
IP > 31		590 A	760 A	950 A	1170 A	1480 A
Number of profiles per phase		1				
Cat. no.		04502	04503	04504	04505	04506

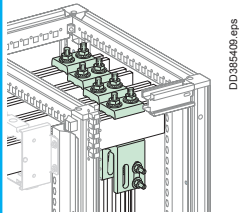
Busbar supports



Characteristics			DD382911 Nps	An end stop must be fitted on the bottom support: 01109 (sold in lots of 12)
			DD380742-LIN-12.eps	
Number depending on Icw (kA rms/1 s)	≤ 25	3		
	≤ 30	-	3	
	≤ 40	-	3	
	≤ 50	-	4	
	≤ 60	-	5	
	≤ 65	-	5	
	≤ 75	-	7	
	≤ 85	-	8	

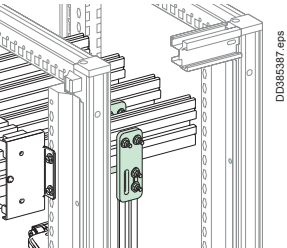
Cat. no. **04651** (set of 2 upright adapters **06502** for installation in Spacial SFP cubicle)

Connections to the Linergy BS horizontal busbar



Characteristics	Supplied with mounting hardware. Reference include 1 connection only. Order 1 connection per phase.		
Cat. no	5 mm thick	04634	04635
according to horizontal busbar size	10 mm thick	Width ≤ 80 mm	04636
	10 mm thick	Width > 80 mm	04636 + 04642

Connections to the Linergy LGYE horizontal busbar



Characteristics	≤ 1600 A
Characteristics	Supplied with mounting hardware. Reference include 1 connection only. Order 1 connection per phase.
Cat. no.	04602 (vertical connection) 04603 (vertical shifted connection) ⁽¹⁾

(1) Dedicated connection 04603 for Linergy LGYE busbar in 150 mm duct with horizontal jointing.

Linery LGYE profiles

		Up to 4000 A													
In Spacial SFP duct		W300													
Linery profile, 2000 mm length															
Permissible current for an ambient temperature of 35 °C around the switchboard	IP ≤ 31	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A					
	IP > 31	630 A	800 A	1000 A	1250 A	1650 A	2000 A	2440 A	3200 A	3350					
Length to cut for side mounting		1675 mm													
Number of profiles per phase		1													
Cat. no.		04560	04561	04562	04563	04564	04565	04566	04567	04568					

Busbar supports

	Characteristics		3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use free supports (in addition).			
	Number	≤ 30	3			
	depending on l _{cw}	≤ 40	-	3+2	3	
	(kA _{rms} /1 s)	≤ 50	-	3+2	3	
		≤ 60	-	3+2	3	
		≤ 65	-	3+2		
	≤ 75	-	3+4	3+2		
	≤ 85	-	3+4			
	≤ 100	-		3+6		
Cat. no. of supports depending on distance between bars and duct depth	Spacial SFP duct W300, D500	NSYBVS500 (fixed) + 04662 (free) + NSYAS500 (spacer) ⁽¹⁾				
	75 mm distance between bars	W300, D600	NSYBVS600 (fixed) + 04662 (free) + NSYAS600 (spacer) ⁽¹⁾			
		W300, D800	NSYBVS800 (fixed) + 04662 (free) + NSYAS800 (spacer) ⁽¹⁾			
	Spacial SFP duct W300, D800	115 mm distance between bars	NSYBVS800L (fixed) + 04678 (free) + NSYAS800L (spacer) ⁽¹⁾			

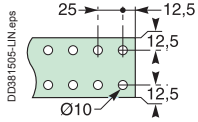
⁽¹⁾ If using a 100 x 10 bars, add a pack of screws ref. 04671 for each fixed support and free support.

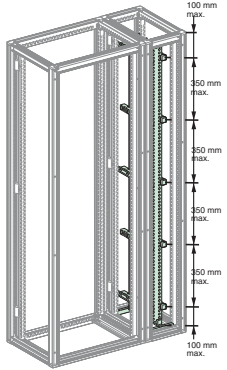
Wedging busbars in position

Characteristics	The bottom support is used to place profiles and ensure they are in the correct position. It is not considered to be a busbar support.	
Cat. no.	04666 04658 (pack of 12 stops)	04666 04659 (pack of 12 replacement stops)

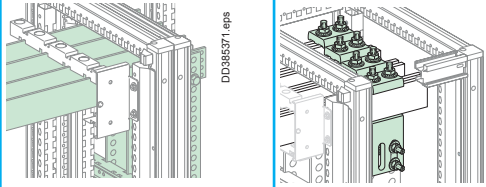
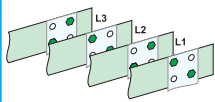
Connections to the Linery LGYE horizontal busbar

Characteristics	Supplied with mounting hardware. Reference include 1 connection only. Order 1 connection per phase.	
Cat. no.	04604 (short connection) 04605 (long connection)	04607

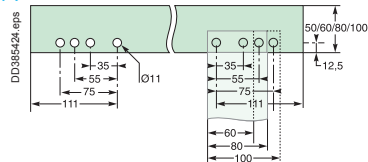
Flat busbars		Up to 1600 A				Up to 3200 A						
In Spacial SFP duct		W300 D500/600/800				W300 D500/600/800						
Pre-slotted copper, 1675 mm length												
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31 IP > 31	800 A 750 A	1000 A 900 A	1400 A 1250 A	1800 A 1600 A	1200 A 1080 A	1400 A 1250 A	1800 A 1600 A	2050 A 1850 A	2300 A 2000 A	2820 A 2500 A	3200 A 2820 A
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10
Number of busbars per phase		1		2		1		2				
Cat. no.		04516	04518	04516	04518	04525	04526	04528	04525	04526	04528	04550 ⁽¹⁾

Busbar supports		Description	
		3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use free supports (in addition). The bottom wedge support is used to place the busbar and ensure it is in the correct position. It does not count as a busbar support.	
Number of supports	≤ 15	3	3
depending on distance	≤ 25	3+2	3
on lcw	≤ 30	3+2	3
(kA rms/1 s)	≤ 40	3+4	3+2
	≤ 50	3+4	3+2
	≤ 60		3+2
	≤ 65		3+2
	≤ 75		3+6
	≤ 85		3+4
Cat. no. of supports depending on distance between bars and duct depth	Spacial SFP duct 75 mm distance between bars	W300, D500	NSYBVS500 (fixed) + 04662 (free) + NSYAS500 (spacer) ⁽²⁾
	Spacial SFP duct 115 mm distance between bars	W300, D600	NSYBVS600 (fixed) + 04662 (free) + NSYAS600 (spacer) ⁽²⁾
		W300, D800	NSYBVS800 (fixed) + 04662 (free) + NSYAS800 (spacer) ⁽²⁾
		W300, D800	NSYBVS800L (fixed) + 04678 (free) + NSYAS800L (spacer) ⁽²⁾

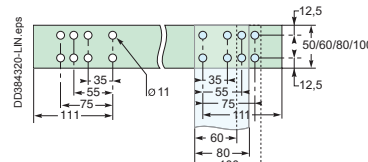
(1) Copper bar without holes.
(2) If using a 100 x 10 bars, add a pack of screws ref. **04671** for each fixed support and free support.


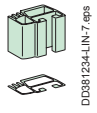
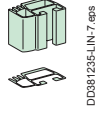


Connections to the Linery BS horizontal busbar		Characteristics	
		For a busbar with 75 mm distance between bars, the bars must be completely covered. Staggered assembly points between one bar and the next, to maintain the necessary clearance distances. ⁽³⁾	
		References 04636 , 04637 , 04638 are supplied individually: 1 connection per phase. Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.	
1 vertical bar per phase	2 vertical bars per phase	1 vertical bar per phase	2 vertical bars per phase
60 x 5	80 x 5	50 x 10	60 x 10
80 x 5	60 x 5	80 x 10	50 x 10
		60 x 10	80 x 10
		80 x 10	100 x 10
Cat. no. of the connection piece depending on horizontal busbar size	≤ 80 mm	04645	04636
	> 80 mm	04645	04637
		04636 + 04642	04637 + 04642
		04637	04638 + 04642
		04637 + 04642	04645

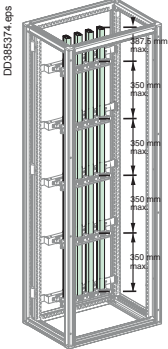
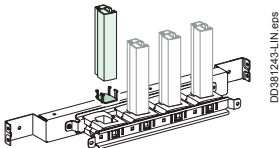
(3) Drill hole dimensions for 5 mm thick horizontal busbars.

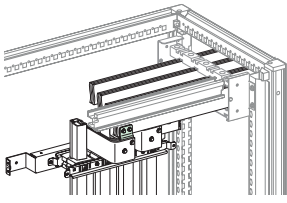
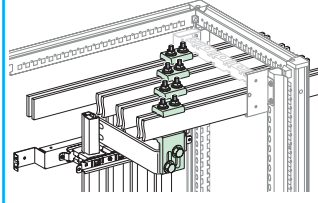


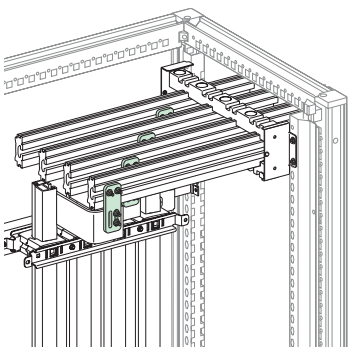
Drill hole dimensions for 10 mm thick horizontal busbars.



Linergy LGY profiles		Up to 1600 A				
At the rear of a Spacial SFP cubicle		W700				
Linergy profile, 1670 mm length						
		DD381233-LIN-7.eps	DD381234-LIN-7.eps	DD381235-LIN-7.eps	DD381236-LIN-7.eps	DD381237-LIN-7.eps
		630 A	800 A	1000 A	1250 A	1600 A
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31	680 A	840 A	1040 A	1290 A	1650 A
	IP > 31	590 A	760 A	950 A	1170 A	1480 A
Number of profiles per phase		1				
Cat. no.		04502	04503	04504	04505	04506

Busbar supports		Fixed support 04652				
 <p>DD385374.eps</p>	Number	≤ 25				
	depending on l _{cw} (kA rms/1 s)	≤ 30	4			
		≤ 40				5
		≤ 50				7
Characteristics		 <p>DD381243-LIN.eps</p>		An end stop must be fitted on the bottom support 01109 (sold in lots of 12)		
Cat. no.		04652				

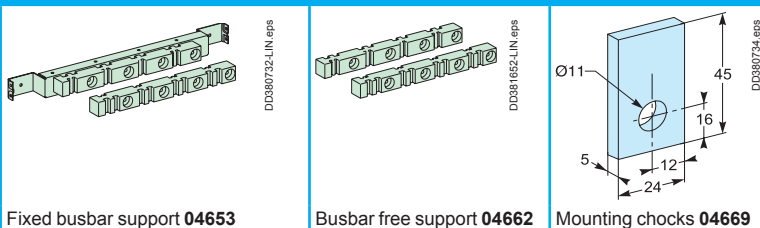
Connections to the Linergy BS horizontal flat busbar		04635 connection to 5 mm thick horizontal busbar		04636 connection to 10 mm thick horizontal busbar	
 <p>DD385372.eps</p>		 <p>DD385373.eps</p>			
Characteristics		Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.			
Cat. no. according to horizontal busbar size		5 mm thick		04635	
		10 mm thick		04636	
		Width ≤ 80 mm		04636 + 04642	
		Width > 80 mm			

Connections to the Linergy LGYE horizontal flat busbar		04602 connection to the Linergy LGYE horizontal flat busbar	
 <p>DD385375.eps</p>			
Characteristics		Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.	
Cat. no.		04602	

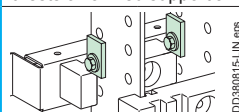
Flat busbars

	Up to 1600 A					
	W700					
At the rear of a Spacial SFP cubicle Pre-slotted copper, 1670 mm length						
Permissible current for an ambient temperature of 35 °C around the switchboard	800 A	1000 A	1400 A	1000 A	1200 A	1600 A
IP ≤ 31	800 A	1000 A	1400 A	-	-	-
IP > 31	750 A	900 A	1250 A	1080 A	1250 A	1600 A
Busbar cross-section (mm)	60 x 5	80 x 5	60 x 5	50 x 10	60 x 10	80 x 10
Number of busbars per phase	1		2	1		
Cat. no	04516	04518	04516	04525	04526	04528

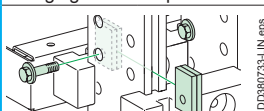
Busbar supports



Characteristics 3 fixed supports ref. 04653 are compulsory to keep the busbar vertical. If more than 3 supports are needed, use free support ref. 04662 (in addition). Metal shim ref. 04669 (sold in lots of 100), 5 mm thick, is screwed onto the busbar. It rests on a fixed support and is used to wedge the busbar in position.



Wedging: 1 busbar/phase

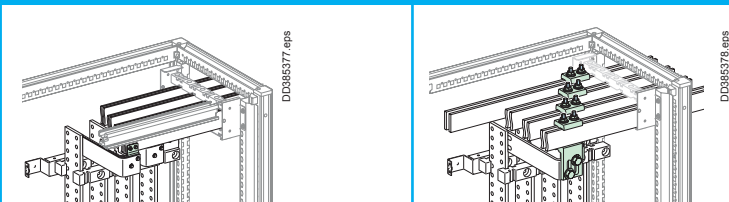


Wedging: 2 busbars/phase

Number depending on I _{cw} (kA rms/1 s)	≤ 15	3	3
	≤ 25	3+2	3
	≤ 30	3+2	3+2
	≤ 40	3+4	3+2
	≤ 50		3+2
	≤ 60		3+4
	≤ 65		3+4
	≤ 75		
	≤ 85		3+6

Cat. no. 04653 (fixed) + 04662 (free) + 04669 (spacer)

Connections to the Lineryg BS horizontal flat busbar



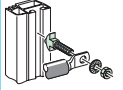
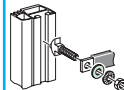

04635 connection to horizontal busbar 5 mm thick
04636 connection to horizontal busbar 10 mm thick

Characteristics For part of the connection, flexible insulated busbars are needed. References 04635, 04636 are supplied individually = 1 connection per phase. Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.

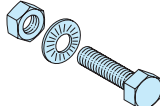
Cat. no. according to horizontal busbar size	5 mm thick	04635
	10 mm thick	04636 ⁽¹⁾
	Width ≤ 80 mm	04636 ⁽¹⁾
	Width > 80 mm	04636 + 04642 ⁽¹⁾

(1) To be made.


Accessories

				
		Linery screw DD381216-LIN-15.eps	Plain washer DD381216-LIN-15.eps	Identification DD381222-LIN-10.eps
Linery screw	Characteristics	Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8. The screws slide into the profile and are then locked in the desired position.		
	Cat. no.	25 mm length	see the table "Connections on Linery LGYE & LGY" below	
		39 mm length		
Steel plain washers	Characteristics	M8 sold in lots of 20		
	Cat. no.	ext. Ø20 mm	04772	
		ext. Ø24 mm	04773	
		ext. Ø28 mm	04774	
Brass plain washers	Characteristics	M8 sold in lots of 20 for connection of ≤ 25 mm ² lugs to Linery		
	Cat. no.	ext. Ø20 mm	04775	
Identification	Characteristics	12 clip-on supports + N, L1, L2, L3, PE, PEN labels		
	Cat. no.	04794		
	Characteristics	Linery LGYE busbar screw plate kit after sales service		
	Cat. no.	01130		

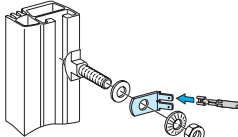
M8 bolts

		
		DD380737.eps
Linery BS, 20 bolts 8.8 class	Characteristics	Set of 20 bolts + 20 nuts + 40 contact washers.
	Cat. no.	M8 x 20 04782
		M8 x 25 04783
		M8 x 30 04784
		M8 x 35 04785
		M8 x 40 04786
		M8 x 45 04787
		M8 x 50 04788





Torque nuts

		
		DD380735.eps
20 M8 torque nuts	Characteristics	Can be used to obtain the correct tightening torque (28 Nm) recommended by then manufacturer, without using a torque wrench. Torque nuts may be used for all electrical connections.
	Cat. no.	04759

Voltage tap-offs

		
		DD380736.eps
20 M10 voltage tap-offs for two 6.35 mm tab connectors	Characteristics	For small lugs (on low-current cables or measurement tap-offs), insert a conducting washer (cat. no. 04775) between the busbar and the lug.
	Cat. no.	04229

★ Connections on Linery LGYE & LGY

InA (A)		Connection on Linery	Utilisation	Cat no.	
0 to 630	Cable Insulated flexible bar	Use the 25 mm Linery screw	Recommended	04766	
		Use the 39 mm Linery screw	Possible	04767⁽¹⁾	
800 to 1250	5 mm thick bar	Use the 25 mm Linery screw	Recommended	04766	
		Use the 39 mm Linery screw	Possible	04767⁽¹⁾	
		Use the flate plate screw with 2 studs	Possible	04768	
1600 to 2500	5 or 10 mm thick bar	Use the flate plate screw with 2 studs	Recommended	04768	
		Use the 39 mm Linery screw	Possible	04767⁽¹⁾	
3200 to 4000	10 mm thick bar	Use the flate plate screw with 3 studs	Recommended	04769	

⁽¹⁾ 04767 is only compatible with Linery LGY.

Catalogue numbers



Presentation

Decisions concerning the Form of separation and the degree of protection are the subject of an agreement between the manufacturer and the user.

In most installations, Spacial SFP cubicles do not require partitioning. In this case, the switchboard is a Form 1.

Safety being one of its foremost goals, Schneider Electric offers options and features that go well beyond the recommendations of the standard.

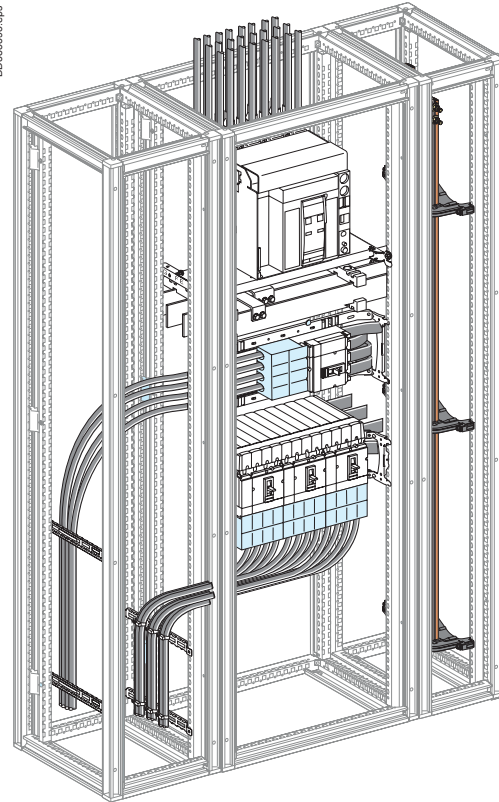
The protection of life and property is a standard feature due to:

- > front plates that require a tool to be removed
- > keylocks on doors, some of which provide access to live parts
- > the systematic installation of terminal shields on Compact NSX circuit breakers and Compact INS and INV switch-disconnectors.

What is more, Spacial SFP offers different levels of partitioning to create separations inside the cubicles and thus create Form 2b, 3b, 4a & 4b electrical switchboards.

Electrical switchboards must meet the degree of protection IP2X to comply with standard IEC 61439-1 and 2.

DD0385383.eps



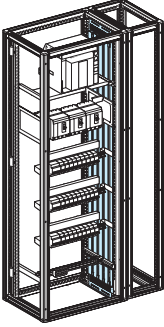
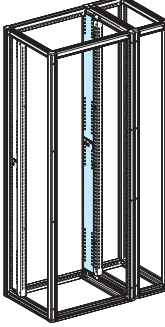
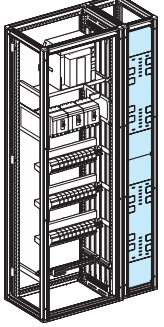
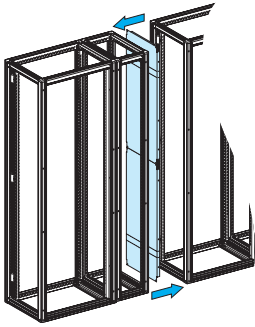
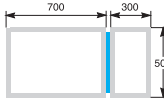
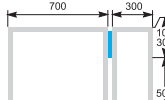
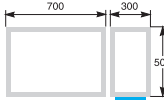
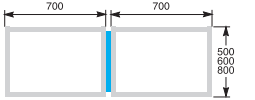
The protection of life and property is ensured by the systematic installation of terminal shields on Compact NSX circuit breakers and on Compact INS and INV switch-disconnectors (see the pages on the functional units).

Catalogue numbers

Form 2 partitioning

Separation of busbars from the functional units:

- protection against contact with live parts upstream of the outgoing circuits
- protection against penetration of foreign solid bodies.

	Lateral partitioning	Form 2 restoration for side-barrier cut-out	Partitioning extension	Front and rear barrier	Inter-cubicle partitioning
					
					
Characteristics	<ul style="list-style-type: none"> ■ Vertical barrier made of insulating slats. ■ Can be installed on both sides of Linergy and lateral vertical busbars. ■ The space between the slats is sufficient for prefabricated connections (one copper bar, 5 or 10 mm thick, or insulated flexible bars) or for cables up to 35 mm², while maintaining the degree of protection IP2X compliance with standard IEC 60695.2.1 concerning withstand to fire. 	<ul style="list-style-type: none"> ■ This kit enables passage of the connection between a device > 1600 A (NW, INS) and lateral vertical busbars. ■ It is made up of an insulated plate (six modules H 300 mm) that can be cut as required, supplied with supports and the necessary hardware. 	<ul style="list-style-type: none"> ■ For the Spatial SFP system switchboards 600 and 800 mm depth, a partitioning extension is required. 	<ul style="list-style-type: none"> ■ Front protection is realized by the association of the door W300 and this barrier. Metallic barrier, composed of 2 parts H850, pre-cut at both ends. ■ Rear protection, a barrier is required at the rear of the busbar compartment in cubicles that are 800, 1000 and 1300 mm deep. 	<ul style="list-style-type: none"> ■ Metal partition, used to separate two adjacent cubicles. ■ It is made up of two panels, each 850 mm high. ■ The top and bottom ends have knock-outs for horizontal busbars. ■ Supplied with the necessary supports and hardware, the partition is mounted on the framework and does not hinder installation of the functional mounting plates.
Cat. no.	06545	04924	D600: 06541 D800: 06543	06540	D 500: 06555 D 600: 06565 D 800: 06558

Partitioning of horizontal busbars

	W300			W700		
Designation	<ul style="list-style-type: none"> ■ Set of two barriers (front and rear), plus a slotted rear panel for efficient natural convection in the switchboard. ■ The set can be used to partition horizontal busbars installed at the top or bottom of the cubicle. ■ The space required for the busbars is not increased. 					
For Depth	D500	D600	D800	D500	D600	D800
Cat. no. for 3M busbar	06560	06561	06563	06570	06570	06570
Cat. no. for 4M busbar	06568	06568	06568	06567	06567	06567

Note: when the busbars are at the bottom of the cubicle, gland plates are mandatory.

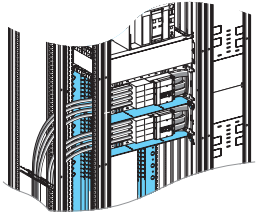
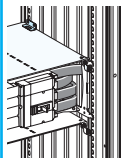

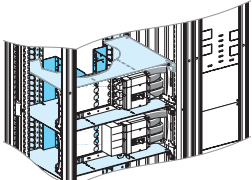
Catalogue numbers

Form 3 partitioning

Separation of busbars from the functional units and separation of all functional units from one another.

Separation of the terminals for external conductors from the functional units, but not from each other.

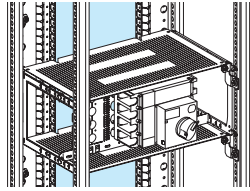
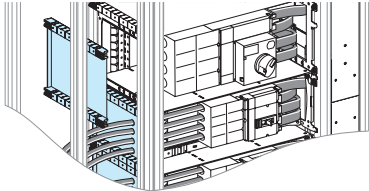
- protection against contact with live parts
- reduction in the risk of faults between the functional units (propagation of electrical arcs, etc.).

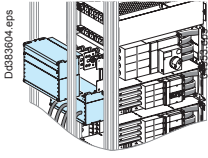
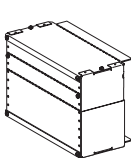
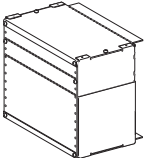
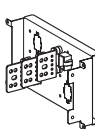
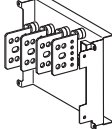
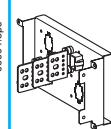
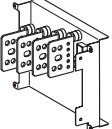
Front connection		Rear connection			
 <p style="font-size: small; transform: rotate(-90deg); position: absolute; left: -40px; top: 50px;">DD384420.eps</p>	 <p style="font-size: small; transform: rotate(-90deg); position: absolute; left: -40px; top: 50px;">DD384422.eps</p>	 <p style="font-size: small; transform: rotate(-90deg); position: absolute; left: -40px; top: 50px;">DD384421.eps</p>	 <p style="font-size: small; transform: rotate(-90deg); position: absolute; left: -40px; top: 50px;">DD384421.eps</p>		
Horizontal metal partition, W650 mm	Rear support for partitions, W650 mm	6 universal angle brackets	Rear connection		
Characteristics <ul style="list-style-type: none"> ■ A horizontal metal partition can be used to physically separate functional units from one another. 	<ul style="list-style-type: none"> ■ It is fixed at the rear by a support (two uprights) secured to the framework (500 mm deep) or to the intermediate uprights (800 mm deep frameworks). 	<ul style="list-style-type: none"> ■ A set of brackets can be used to install partial Form 3 partitioning in the cubicle. ■ It does not take up any useful space in the switchboard. 	<ul style="list-style-type: none"> ■ Vertical partitions (two cat. no. per functional unit) <table style="width: 100%; border: none;"> <tr> <td style="border: none; width: 50%;">3 to 4 modules</td> <td style="border: none; width: 50%;">5 to 6 modules</td> </tr> </table>	3 to 4 modules	5 to 6 modules
3 to 4 modules	5 to 6 modules				
Cat. no.	04901	04943	03583	04955	04956

Catalogue numbers

Form 4 partitioning

- Separation of busbars from the 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
- Protection against contacts with live parts and reduction in the risk of faults between the functional units (propagation of electrical arcs, etc.)
- Form 4a: terminal for external conductors in the same compartment as the associated.
- Form 4b: Terminals for external conductors not in the same compartment as the associated functional unit, but in individual, separate, enclosed protected spaces or compartments.

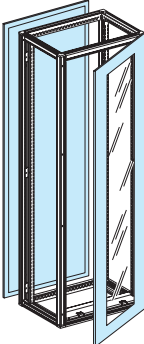
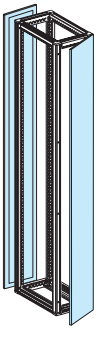


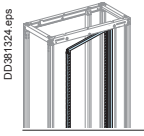
Form 4a partition						
	For front connection					
						
Characteristics	<p>■ a backplate (one cat. no. per cubicle) made up to two metal half panels mounted on the rear supports for Form 3 partitions. This backplate is not indispensable for 500 mm deep frameworks.</p>	<p>■ a plastic gland plate that can be easily cut out (one for each functional unit) and is mounted on the framework.</p>				
Cat. no.	04946	<table border="1"> <tr> <td>04951</td> <td>04952</td> </tr> <tr> <td>3 or 4 modules</td> <td>5 or 6 modules</td> </tr> </table>	04951	04952	3 or 4 modules	5 or 6 modules
04951	04952					
3 or 4 modules	5 or 6 modules					

Form 4b partition																		
																		
Characteristics	<p>■ a cover with metallic gland plates that can be easily cut out on the side and bottom. It is available in two heights :</p>		<p>■ Transfert assembly without connection to simplified the cable installation</p>		<p>■ Transfert assembly without connection to simplified the cable installation</p>													
Cat. no.	<table border="1"> <tr> <td>06600</td> <td>06601</td> </tr> <tr> <td>3 to 5 modules</td> <td>4 to 6 modules</td> </tr> </table>	06600	06601	3 to 5 modules	4 to 6 modules		<table border="1"> <tr> <td>06606</td> <td>06607</td> </tr> <tr> <td>3P</td> <td>4P</td> </tr> </table>	06606	06607	3P	4P		<table border="1"> <tr> <td>06604</td> <td>06605</td> </tr> <tr> <td>3P</td> <td>4P</td> </tr> </table>	06604	06605	3P	4P	
06600	06601																	
3 to 5 modules	4 to 6 modules																	
06606	06607																	
3P	4P																	
06604	06605																	
3P	4P																	

Characteristics
Catalogue numbers

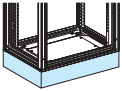
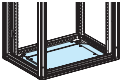
Common characteristics

- Roof characteristics:
 - equipped with a factory-mounted polyurethane (PUR) gasket
 - supplied with mounting hardware
 - with markings for clear identification of cable-running zones
- The cables compartment can be mounted on the right or left.
- Can be combined side-by-side or back-to-back.
- Receive the IP55 cover panels.

Mounting	W700			W300		
	 DD385546.eps			 DD385546.eps		
Depth	D500	D600	D800	D500 ⁽¹⁾	D600 ⁽¹⁾	D800 ⁽¹⁾
Assembled enclosures H2000 Plain door	NSYSFP20750	NSYSFP20760	NSYSFP20780	NSYSF20350	NSYSF20360	NSYSF20380
Assembled enclosures H2000 Glazed door	NSYSFP20750T	NSYSFP20760T	NSYSFP20780T	-	-	-
Adapter uprights to install Linergy LGY, LGYE, BS busbar	-	-	-	NSYSFPA	NSYSFPA + NSYSUCR40200	NSYSFPA + NSYSUCR40200
 06592.eps						
Side panel (Set of 2) ⁽²⁾	NSY2SP205	NSY2SP206	NSY2SP208	NSY2SP205	NSY2SP206	NSY2SP208
 DD384425.eps						
Hinged front plate support frame ⁽³⁾	08566	08566	08566	-	-	-
 DD381324.eps						


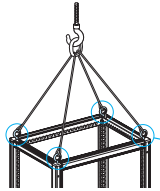
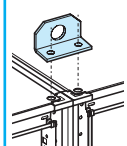
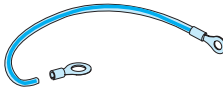

(1) For cables and to install Linergy LGYE, BS busbar.
 (2) An earthing braid must be installed between the lateral panels and the frame.
 (3) Reversible for left or right-hand opening.

Accessories

Width		W700			W300			
Depth		D500	D600	D800	D500	D600	D800	
DD384428.eps 	Plinth H100 ⁽¹⁾	Front and rear cross-pieces	NSYSPF7100	NSYSPF7100	NSYSPF7100	NSYSPF3100	NSYSPF3100	
		Lateral cross-pieces	NSYSPS5100	NSYSPS6100	NSYSPS8100	NSYSPS5100	NSYSPS6100	NSYSPS8100
	Plinth H200 ⁽¹⁾	Front and rear cross-pieces	NSYSPF7200	NSYSPF7200	NSYSPF7200	NSYSPF3200	NSYSPF3200	NSYSPF3200
		Lateral cross-pieces	NSYSPS5200	NSYSPS6200	NSYSPS8200	NSYSPS5200	NSYSPS6200	NSYSPS8200
DD384427.eps 	Plain gland-plates	NSYEC751	NSYEC761	NSYEC781	NSYEC351	NSYEC651	NSYEC381	

⁽¹⁾ The plinth is made up of two catalogue numbers: front and rear cross-pieces + lateral cross-pieces.

Other accessories

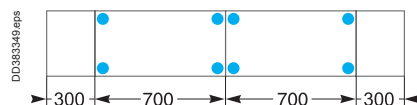
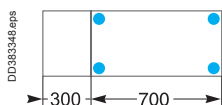
						
	DD385544.eps	DD384440.eps	NSYFELB.eps		DD3844388.eps	21716 couple.eps
	Coupling kit	4 lifting rings	4 lifting brackets	Set of 20 screws + M6 nuts	Earthing wire, 6 mm²	Earthing braid ⁽³⁾
Description	<ul style="list-style-type: none"> side-by-side combination back-to-back combination ⁽²⁾: <ul style="list-style-type: none"> - D500+D500 - D800+D500 	<ul style="list-style-type: none"> Use a set of lifting rings for each framework ⁽⁴⁾ (W700 mm) containing devices. 	<ul style="list-style-type: none"> When two cubicles with devices have been combined, use a lifting beam. 		<p>The wire is equipped with a 4 mm diameter lug at one end and a 6 mm diameter lug on the other. The earthing wire is used to earth:</p> <ul style="list-style-type: none"> a door or wicket door with devices a front-plate support frame equipped with switchgear in a cubicle. 	<ul style="list-style-type: none"> For NSYEL166D8: Length 160 mm, Section 6 mm², Terminal 8.3 mm. For NSYEL3525D8: Length 350 mm, Section 25 mm², Terminal 8.3 mm.
Cat. No.	NSYSFBK19	NSYSFEB	NSYSFELB	06461	08911	NSYEL166D8 / NSYEL3525D8

⁽²⁾ Back to back association must be shipped individually and combined during on-site installation.

⁽³⁾ An earthing braid must be installed between the roof and the frame.

⁽⁴⁾ For one framework

For two frameworks



Characteristics
Catalogue numbers

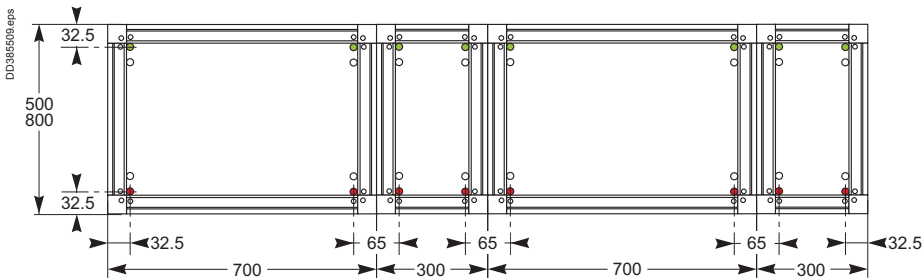
Seismic application 3G withstand					
		1600 A configuration ⁽¹⁾		3200 A configuration	
		Spacial SFP	Busbar duct	Spacial SFP	Busbar duct
Nominal dimensions	Height	2000	2000	2000	2000
	Width	700	300	700	300
	Depth	500	500	800	800
Additional dummy load (kg)		350	350	450	450
Seismic plinth H100 mm - Cat. no.		NSYS5GPC75	NSYS5GPC35	NSYS5GPC78	NSYS5GPC38

Note: incoming by pre-fabricated busbar trunking is forbidden for seismic application.

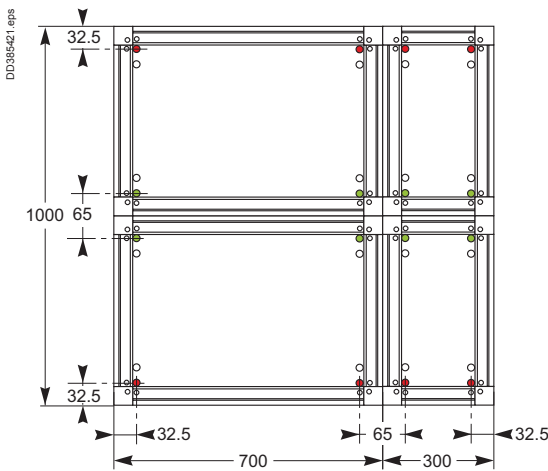
(1) Not compatible for depth 600 mm.

Ground fastening

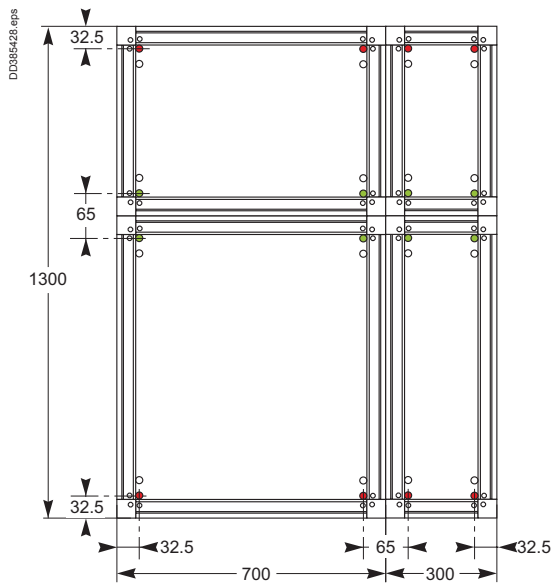
■ Front connection (example: device cubicle W700 mm + compartment W300 mm)



■ Rear connection D1000 (example: device cubicle + compartment D500 + D500 mm)



■ Rear connection D1300 (example: device cubicle + compartment D800 + D500 mm)



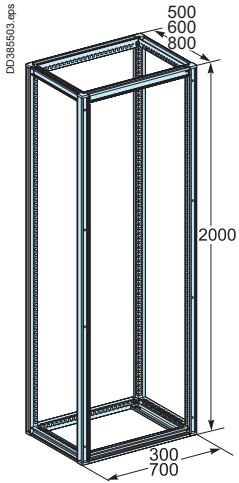
- compulsory fixing point
- optional fixing point

- 8.8-class screws: screw M10 TH
- + washers (external Ø 25 mm, thickness 3 mm)
- + CS contact washers Ø 10 mm.

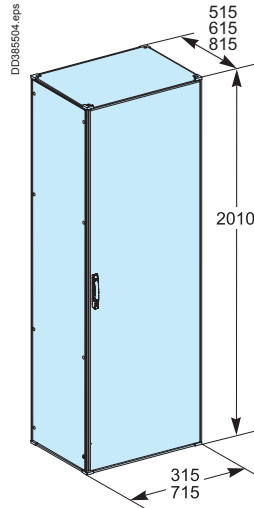
Dimensions

Cubicles

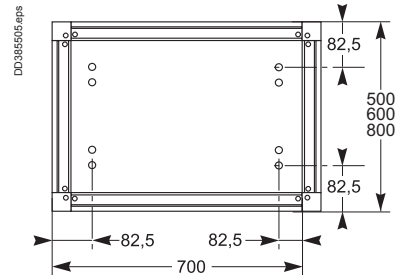
Profile



Cover panels, Plain or transparent door, lateral panels

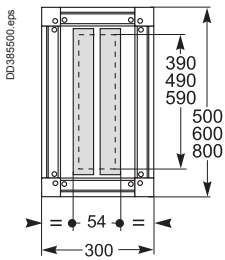


Standard plinth

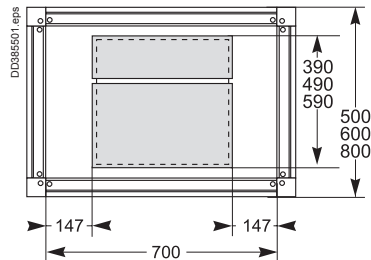


Gland plates

W300

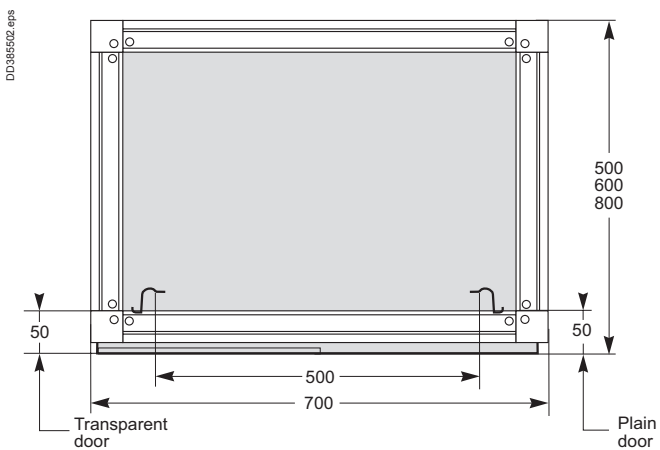


W700



Functional system in Spacial SFP switchboards, cubicle mounting

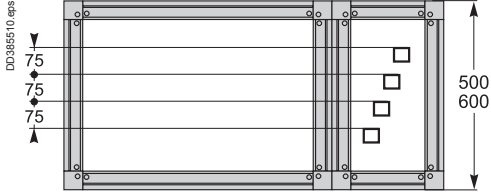
D500, D600, D800



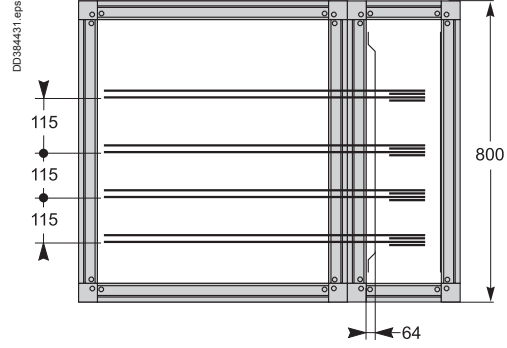
Dimensions

Busbars mounting, Lateral vertical busbars

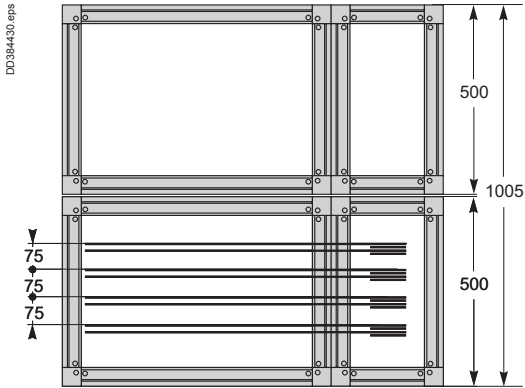
1600 A



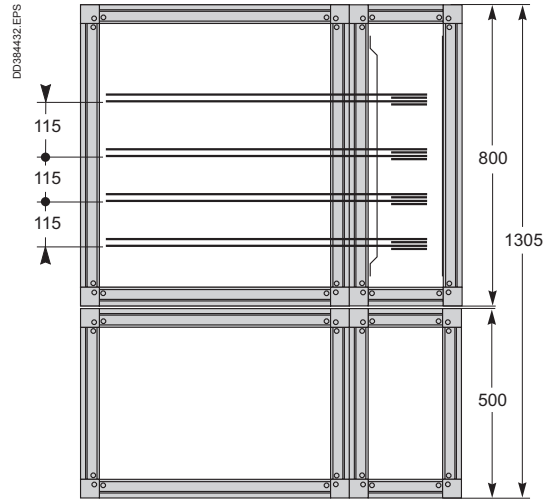
2500 A



2000 A



3200 A



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