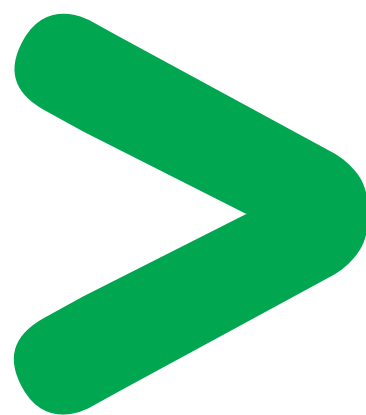


Spacial SFP



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Cat. no.	Designation	
01000		
01109	Chocks (4) for Linergy LGY busbars	10, 13
01130	Lineray LGYE busbar screw plate kit	15
03000		
03583	Universal angle brackets (6)	18
04000		
04229	Voltage tap-offs for tab connectors, M10 (20)	15
04502	Lineray LGY vertical busbar, 630 A	10, 13
04503	Lineray LGY vertical busbar, 800 A	10, 13
04504	Lineray LGY vertical busbar, 1000 A	10, 13
04505	Lineray LGY vertical busbar, 1250 A	10, 13
04506	Lineray LGY vertical busbar, 1600 A	10, 13
04516	Vertical Linergy BS busbar with holes, 60x5 mm	12, 14
04518	Vertical Linergy BS busbar with holes, 80x5 mm	12, 14
04525	Vertical Linergy BS busbar with holes, 50x10 mm	12, 14
04526	Vertical Linergy BS busbar with holes, 60x10 mm	12, 14
04528	Vertical Linergy BS busbar with holes, 80x10 mm	12, 14
04536	Horizontal Linergy BS busbar without holes, 60x5 mm	9
04538	Horizontal Linergy BS busbar without holes, 80x5 mm	9
04545	Horizontal Linergy BS busbar without holes, 50x10 mm	9
04546	Horizontal Linergy BS busbar without holes, 60x10 mm	9
04548	Horizontal Linergy BS busbar without holes, 80x10 mm	9
04550	Horizontal Linergy BS busbar without holes, 100x10 mm	9, 12
04552	Horizontal Linergy BS busbar without holes, 120x10 mm	9
04560	Lineray LGYE horiz. busbar 630 A	8, 11
04561	Lineray LGYE horiz. busbar 800 A	8, 11
04562	Lineray LGYE horiz. busbar 1000 A	8, 11
04563	Lineray LGYE horiz. busbar 1250 A	8, 11
04564	Lineray LGYE horiz. busbar 1600 A	8, 11
04565	Lineray LGYE horiz. busbar 2000 A	8, 11
04566	Lineray LGYE horiz. busbar 2500 A	8, 11
04567	Lineray LGYE horiz. busbar 3200 A	8, 11
04568	Lineray LGYE horiz. busbar 4000 A	8, 11
04602	Lineray LGYE vert. connection 1600 A	10, 13
04603	Lineray LGYE shift vert. connection 1600 A	10
04604	Lineray LGYE vert. short connection 2500 A	11
04605	Lineray LGYE vert. long connection 2500 A	11
04607	Lineray LGYE vert. connection 4000 A	11
04620	Lineray LGYE horiz. connection 1600 A	8
04621	Lineray LGYE horiz. connection 2500 A	8

Cat. no.	Designation	
04623	Lineray Evol. horiz. connection 4000 A	8
04624	Isolating screen neutral Linergy LGYE	8
04634	Connection plate for 5 mm horizontal bar to lateral Linergy busbar, 1000 A	10
04635	Connection plate for 5 mm horizontal bar to lateral Linergy busbar, 1600 A	10, 13, 14
04636	Connection plate for 10 mm horizontal bar, 1600 A	10, 12, 13, 14
04637	Connection plate for 10 mm horizontal bars to vertical flat bar, 3200 A	12
04638	Connection plate for 10 mm horizontal bars and vertical bars, 4000 A	10, 12
04640	Joint for 50/60 mm horizontal busbars	9
04641	Joint for 80/100 mm horizontal busbars	9
04642	Mounting hardware for joint > 80 mm	10, 12, 13, 14
04643	Joint for horizontal busbars, L = 120 mm	9
04645	Screws for connection between vertical and horizontal busbars (20)	12
04646	12 spacers 150mm Linergy LGYE 4000 A	8
04651	Support for lateral vertical Linergy LGY busbars	10
04652	Support for rear vertical Linergy LGY busbars	13
04653	Support for rear vertical 5 or 10 mm thick busbars	14
04658	12 chock for Linergy LGYE 1600 A vert.	11
04659	12 chock for Linergy LGYE 4000 A vert.	11
04662	Free support for 5 or 10 mm thick busbars	8, 9, 11, 12, 14
04664	Support for 5 or 10 mm thick horizontal busbars	8, 9
04666	Bottom support for lateral vertical 5 or 10 mm thick busbars, W300	11
04669	Mounting chocks (100) for 5 mm busbars	14
04671	Support mounting hardware for bars > 80 mm	8, 9
04678	D600 5/10 mm busbar free support	9, 11, 12
04759	Torque nuts, M8 (20)	15
04766	Bolts for lug connection to Linergy busbars (20)	15
04767	Bolts for bar connection to Linergy busbars (20)	15
04768	Set of 12 screwplates for Linergy LGYE 2500 A	15
04769	Set of 8 screwplates for Linergy LGYE 4000 A	15
04772	M8 Washers for insulated flexible bars (20), external diameter 20 mm	15
04773	M8 Washers for insulated flexible bars (20), external diameter 24 mm	15
04774	M8 Washers for insulated flexible bars (20), external diameter 28 mm	15
04775	M8 conducting washers for lugs ≤ 25 mm² (20), external diameter 20 mm	15
04782	Bolts for bars (20), M8 x 20	15

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	Linergy 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	NSYSPP5100	2 plinth side panels 100x500	21
NSY			NSYSPP5200	2 plinth side panels 200x500	21
NSY2SP205	Set of 2 lateral panels D500	20	NSYSPP6100	2 plinth side panels 100x600	21
NSY2SP206	Set of 2 lateral panels D600	20	NSYSPP6200	2 plinth side panels 200x600	21
NSY2SP208	Set of 2 lateral panels D800	20	NSYSPP8100	2 plinth side panels 100x700	21
NSYAS500	Bottom support for lateral vertical busbar D500	11, 12	NSYSPP8200	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.

PB502710_50.eps



PB502720_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.

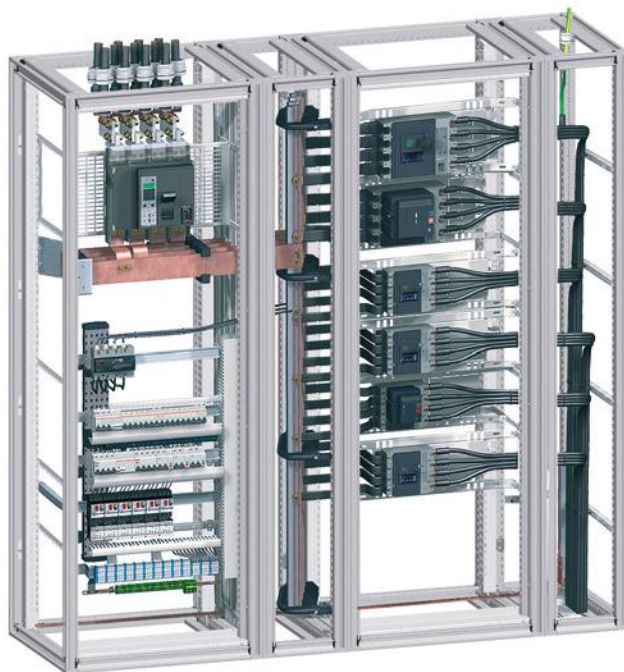
Terminal shields are mandatory for installation of Compact NSX and INS/INV devices in Prisma system enclosures.

... 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 I_e : 4000 A
- Rated peak withstand current I_{pk} : 220 kA
- Rated short-time withstand current I_{cw} : 100 kA rms/1 second
- Frequency: 50/60 Hz.

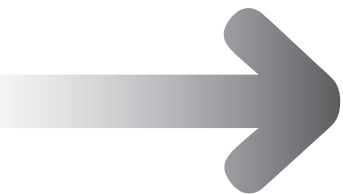
Mechanical characteristics



- 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.



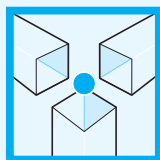
Electrical switchboards built using the Prisma functional system and Schneider Electric recommendations fully comply with international standard IEC 61439-1&2.



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.

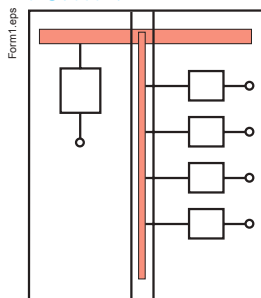
Safety being one of its foremost goals, Schneider Electric offers options and features that go well beyond the recommendations of the standard.

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).

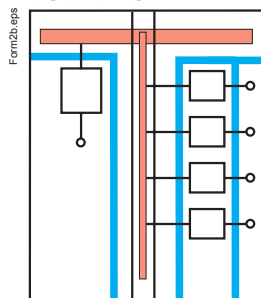
What is more, Spacial SFP offers different levels of partitioning to create separations inside the cubicles and thus create Form 2b, 3b, 4a and 4b electrical switchboards. Electrical switchboards must meet the degree of protection IP2X to comply with standard IEC 61439-1&2.

Form 1



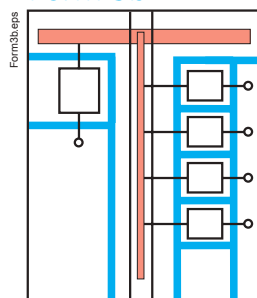
In most installations, Spacial SFP cubicles do not require partitioning. In this case, the switchboard is a Form 1. Safety being one of its foremost goals, Schneider Electric offers options and features that go well beyond the recommendations of the standard.

Form 2b



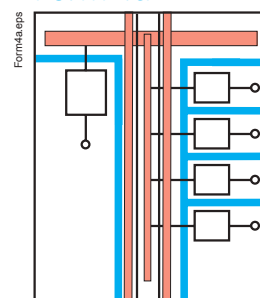
- Terminals for external conductors separated from busbars.
- The functional units and the terminals are separated from the busbars.

Form 3b



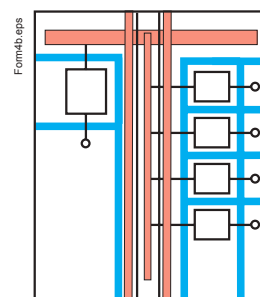
- Terminals for external conductors separated from busbars.
- The functional units are separated from each other and from the busbars.
- The terminals are separated from the busbars, but not from each other.

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

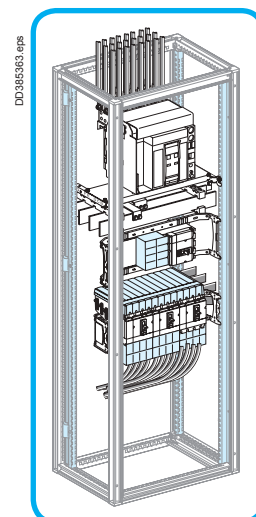


Multi 9 - Acti 9



Accessories

For more informations, see the catalogue Prisma P DESW016EN.

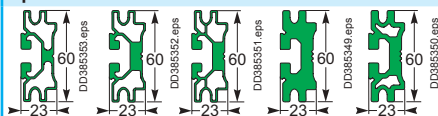


Linergy LGYE profiles

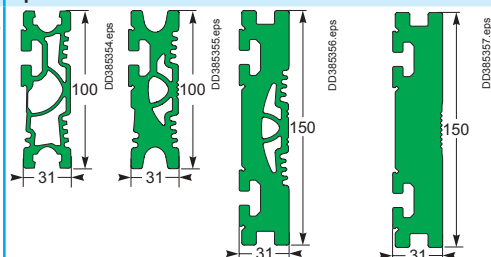
Installation in Spacial SFP

Linergy profile, 2000 mm length

Up to 1600 A

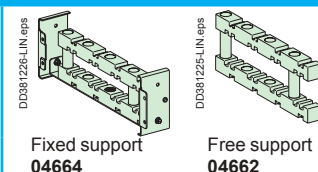
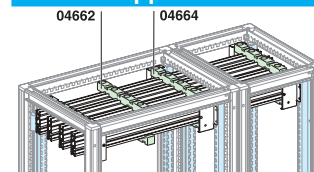


Up to 4000 A



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

Busbar supports



Characteristics

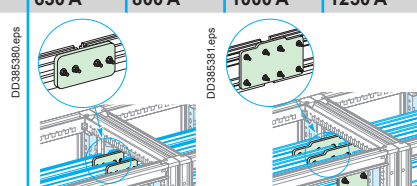
2 fixed supports for Spacial SFP 700 wide frame are compulsory.
1 fixed support for 300/400 wide frame are compulsory.
If more supports are needed, add free supports.

In cubicle: W700 Busbar supports 75 mm distance between	Number of supports depending on l _{cw} (kA rms/1 s)	≤ 15	2			
		≤ 25	2			
		≤ 30	2			
		≤ 40	-			
		≤ 50	-			
		≤ 60	-			
		≤ 65	-			
		≤ 75	-			
		≤ 85	-			
		≤ 100	-			
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: W300 Busbar supports 75 mm distance between	Number of supports depending on l _{cw} (kA rms/1 s)	≤ 15	1			
		≤ 25	1			
		≤ 30	1			
		≤ 40	1			
		≤ 50	1			
		≤ 60	1			
		≤ 65	1 + 1			
		≤ 75	1 + 1			
		≤ 85	1 + 1			
		≤ 100	-			
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

630 A 800 A 1000 A 1250 A 1600 A

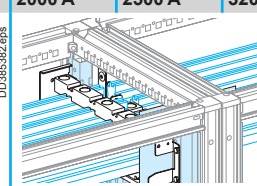


04620

04623

Up to 4000 A

2000 A 2500 A 3200 A 4000 A



04624

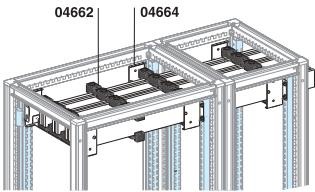
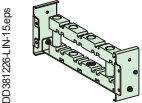
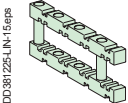
Cat. no.	3 x 04620 (3P) 4 x 04620 + 04624 (4P)	3 x 04621 (3P) 4 x 04621 + 04624 (4P)	3 x 04623 (3P) 4 x 04623 + 04624 (4P)
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Note

Reference 04624 is compulsory when installing jointed Linergy 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										
Installation in Spacial SFP		Up to 1600 A				Up to 4000 A				
Copper bar, 2000 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	1800 A 1600 A	2050 A 1850 A	2300 A 2000 A	2820 A 2500 A	3300 A 2900 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
Number of busbars per phase		1	1	2	2	1	2	2	2	2
Total number of vertical modules (50 mm)		3								
Cat. no.		04536	04538	04536	04538	04548	04545	04546	04548	04550

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 depending on l _{cw} (kA rms/1 s)	≤ 15	2								
		≤ 25	2+1	2							
		≤ 30	2+1	2							
		≤ 40	2+1	2							
		≤ 50	-	2+1						2	
		≤ 60	-	2+1						2	
		≤ 65	-	2+1							
		≤ 75	-	2+2		2+1					
	≤ 85	-	-						2+1		
Cat. no.	Fixed support	04664			04664			04664 + 04671			
	Free support	04662			04662			04662 + 04671			
In duct: W300 with 75 mm distance between bars	Number depending on l _{cw} (kA rms/1 s)	≤ 30	1								
		≤ 50	1+1			1					
		≤ 85	2								
	Cat. no. depending on depth	Fixed support	NSYBHS500 (D500) or NSYBHS600 (D600) or NSYBHS800 (D800)			NSYBHS500 (D500) or NSYBHS600 (D600) or NSYBHS800 (D800)			NSYBHS500 (D500) or NSYBHS600 (D600) or NSYBHS800 (D800) + 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			
		≤ 60				2+1					
		≤ 75				2+2		2+1			
		≤ 85				-		2+2		2+1	
		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										
Installation in Spacial SFP		Up to 1600 A				Up to 4000 A				
		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
Sliding joints with self-breaking lock nut		04640				04641				
Cat. no.		04640	04641	04640	04641	04641	04640	04640	04641	04641

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

Linergy LGY profiles

In Spacial SFP duct

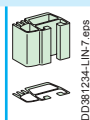
Linergy profile, 1670 mm length

Up to 1600 A (single busbar)

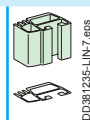
W300



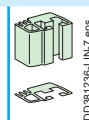
DD381233-LIN-7 eps



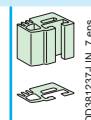
DD381234-LIN-7 eps



DD381235-LIN-7 eps



DD381236-LIN-7 eps

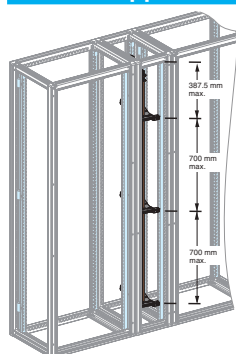


DD381237-LIN-7 eps

		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

DD385383 eps



Characteristics

Number depending on I_{cw} (kA rms/1 s)

≤ 25

≤ 30

≤ 40

≤ 50

≤ 60

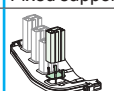
≤ 65

≤ 75

≤ 85



Fixed support **04651**



DD385411 eps

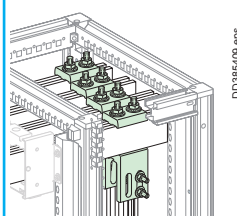
An end stop must be fitted on the bottom support: **01109** (sold in lots of 12)

≤ 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



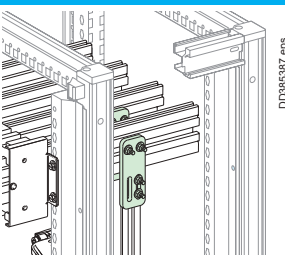
DD385409 eps

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	
	Width > 80 mm	04636 + 04642	
		04638 + 04642	

Connections to the Linergy LGYE horizontal busbar



DD385387 eps

≤ 1600 A

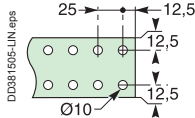
Characteristics

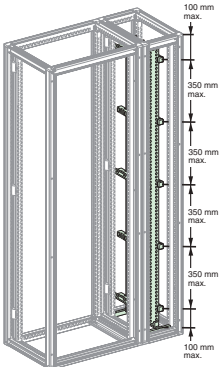
Supplied with mounting hardware.
Reference include 1 connection only. Order 1 connection per phase.

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.

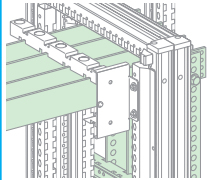
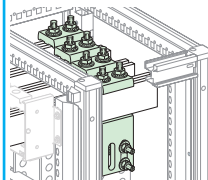
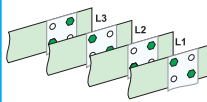
Linery LGYE profiles											
		Up to 4000 A									
In Spacial SFP duct		W300									
Linery profile, 2000 mm length											
		630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A	
Permissible current for an ambient temperature of 35 °C around the switchboard		IP ≤ 31	530 A	680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3620
		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								1625 mm	
Number of profiles per phase		1									
Cat. no.		04560	04561	04562	04563	04564	04565	04566	04567	04568	
Busbar supports											
			Fixed support NSYBVS500			Free support 04662		Bottom support NSYAS500			
	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 depending on I _{cu} (kA rms/1 s)		≤ 30	3			3				
			≤ 40	3+2			3				
			≤ 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	NSYBVS800L (fixed) + 04678 (free) + NSYAS800L (spacer) ⁽¹⁾								
115 mm distance between bars											
⁽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											
		Wedge fitted on bottom support				Wedge fitted on bottom support					
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											
		2000/2500 A				3200/4000 A					
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	800 A	1000 A	1400 A	1800 A	1200 A	1400 A	1800 A	2050 A	2300 A	2820 A	3200 A	
	IP > 31	750 A	900 A	1250 A	1600 A	1080 A	1250 A	1600 A	1850 A	2000 A	2500 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⁾	

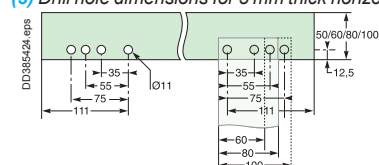
Busbar supports				
	Description		3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use free supports (in addition). The bottom wedge support is used to place the busbar and ensure it is in the correct position. It does not count as a busbar support.	
	Number of supports depending on l _{cw} (kA rms/1 s)	≤ 15	3	3
		≤ 25	3+2	3
		≤ 30	3+2	3+2
		≤ 40	3+4	3+2
		≤ 50	3+4	3+2
		≤ 60		3+4
		≤ 65		3+4
		≤ 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⁾	
		W300, D600	NSYBVS600 (fixed) + 04662 (free) + NSYAS600 (spacer) ⁽²⁾	
		W300, D800	NSYBVS800 (fixed) + 04662 (free) + NSYAS800 (spacer) ⁽²⁾	
	Spacial SFP duct 115 mm distance between bars	W300, D800	NSYBVS800L (fixed) + 04678 (free) + NSYAS800L (spacer) ⁽²⁾	

(1) Copper bar without holes.

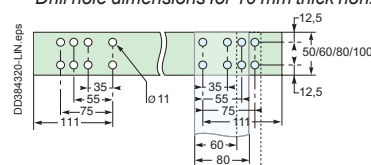
(2) If using a 100 x 10 bars, add a pack of screws ref. 04671 for each fixed support and free support.

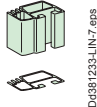
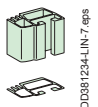
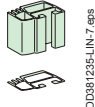
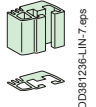
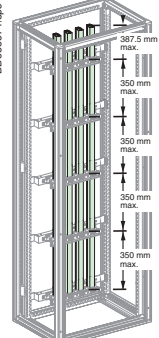
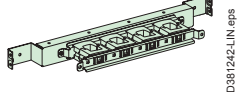
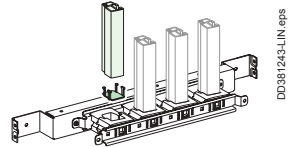
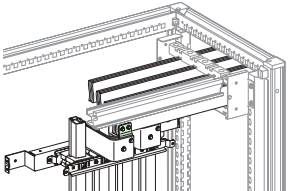
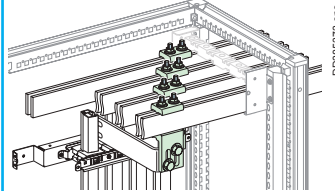
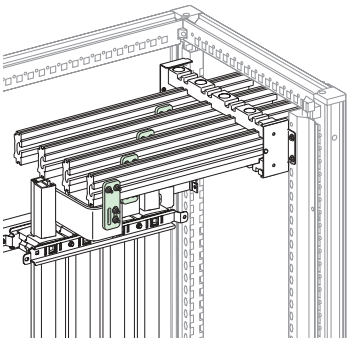
Connections to the Lineryg BS horizontal busbar													
													
Characteristics		For a busbar with 75 mm distance between bars, the bars must be completely covered. Staggered assembly points between one bar and the next, to maintain the necessary clearance distances. ⁽³⁾				References 04636, 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	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	
Cat. no. of the connection piece depending on horizontal busbar size		≤ 80 mm		04645		04636		04637		04637		04645	
		> 80 mm		04645		04636 + 04642		04637 + 04642		04637 + 04642		04645	

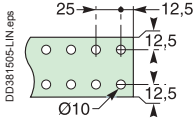
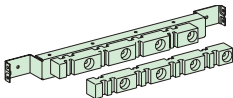
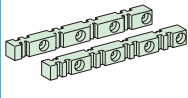
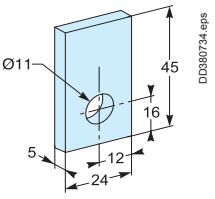
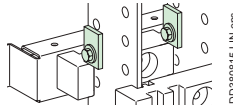
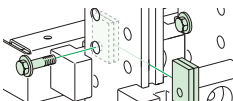
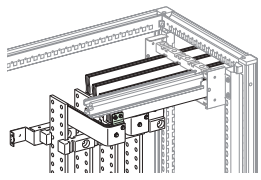
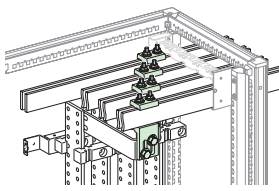
(3) Drill hole dimensions for 5 mm thick horizontal busbars.



Drill hole dimensions for 10 mm thick horizontal busbars.

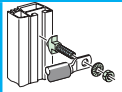
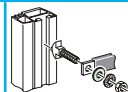


Linergy LGY profiles					
		Up to 1600 A			
At the rear of a Spacial SFP cubicle		W700			
Linergy profile, 1670 mm length		 DD381233-LIN-7.eps	 DD381234-LIN-7.eps	 DD381235-LIN-7.eps	 DD381236-LIN-7.eps
		630 A	800 A	1000 A	1250 A
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31	680 A	840 A	1040 A	1290 A
	IP > 31	590 A	760 A	950 A	1170 A
Number of profiles per phase		1			
Cat. no.		04502	04503	04504	04505
					04506
Busbar supports					
	 DD381242-LIN.eps Fixed support 04652				
	Number	≤ 25			
	depending on I _{cw}	≤ 30	4		
	(kA rms/1 s)	≤ 40	5		
		≤ 50	7		
	Characteristics	 DD381243-LIN.eps 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					
		 DD385372.eps 04635 connection to 5 mm thick horizontal busbar	 DD385373.eps 04636 connection to 10 mm thick horizontal busbar		
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					
		 DD385375.eps 04602 connection to the Linergy LGYE horizontal flat busbar			
Characteristics		Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.			
Cat. no.		04602			

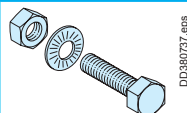
Flat busbars							
		Up to 1600 A					
At the rear of a Spacial SFP cubicle		W700					
Pre-slotted copper, 1670 mm length							
							
		800 A	1000 A	1400 A	1000 A	1200 A	1600 A
Permissible current for an ambient temperature of 35 °C around the switchboard		800 A	1000 A	1400 A	-	-	-
IP ≤ 31		750 A	900 A	1250 A	1080 A	1250 A	1600 A
IP > 31							
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							
							
		Fixed busbar support 04653		Busbar free support 04662		Mounting chocks 04669	
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		3+2	
≤ 50				3+4		3+2	
≤ 60						3+4	
≤ 65						3+4	
≤ 75						3+6	
≤ 85							
Cat. no.		04653 (fixed) + 04662 (free) + 04669 (spacer)					
Connections to the Linergy 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		Width ≤ 80 mm	04636 ⁽¹⁾				
		Width > 80 mm	04636 + 04642 ⁽¹⁾				

⁽¹⁾ To be made.

Accessories

		 DD381216-LIN-15 eps Linergy screw	 DD381216-LIN-15 eps Plain washer	 DD381222-LIN-10 eps Identification
Linergy 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 Linergy 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 mm² lugs to Linergy		
	Cat. no.	ext. Ø20 mm	04775	
Identification	Characteristics	12 clip-on supports + N, L1, L2, L3, PE, PEN labels		
	Cat. no.	04794		
	Characteristics	Linergy LGYE busbar screw plate kit after sales service		
	Cat. no.	01130		

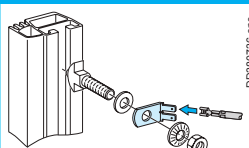
M8 bolts

		
		DD380727 eps
Linergy 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 Linergy LGYE & LGY

InA (A)		Connection on Linergy	Utilisation	Cat no.	
0 to 630	Cable	Use the 25 mm Linergy screw	Recommended	04766	
	Insulated flexible bar	Use the 39 mm Linergy screw	Possible	04767 ⁽¹⁾	
800 to 1250	5 mm thick bar	Use the 25 mm Linergy screw	Recommended	04766	
		Use the 39 mm Linergy 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 Linergy 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 Linergy 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.

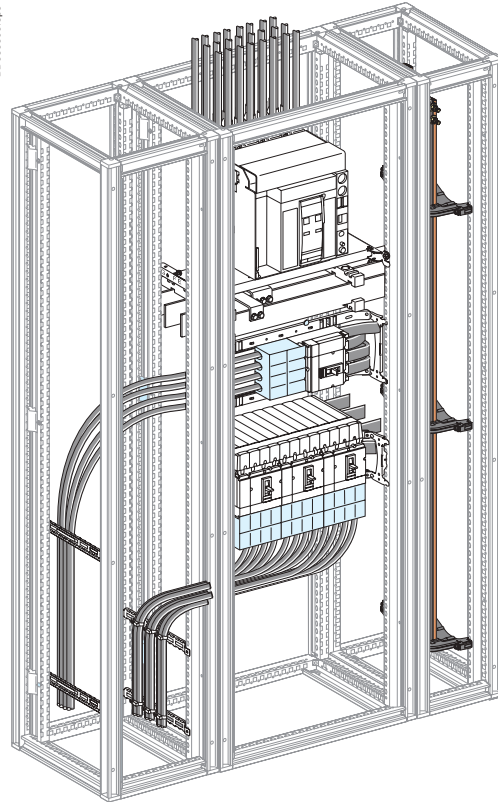
The protection of life and property is a standard feature due to:

- > 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.

DD385393.eps



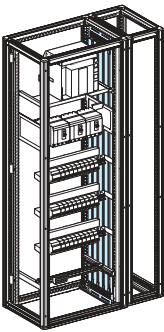
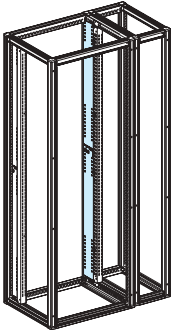
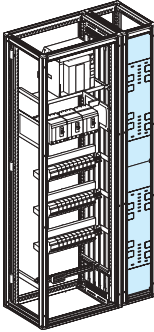
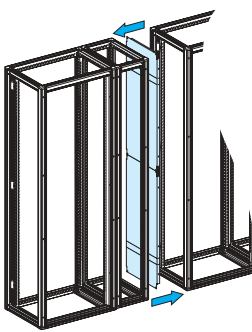
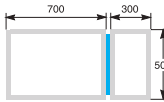
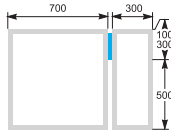
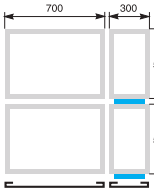
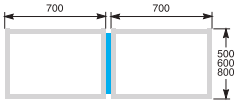
The protection of life and property is ensured by the systematic installation of terminal shields on Compact NSX circuit breakers and on Compact INS and INV switch-disconnectors (see the pages on the functional units).

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
					
	DD384407.eps		DD384408.eps	DD384409.eps	DD384410.eps
Schemes					
	DD383356.EPS		DD385542.eps	DD383360.EPS	DD385543.eps
Characteristics	■ Vertical barrier made of insulating slats. ■ Can be installed on both sides of Linergy and flat 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.	■ 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.	■ For the Spacial SFP system switchboards 600 and 800 mm depth, a partitioning extension is required.	■ 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.	■ 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

DD384412.eps

DD384411.eps

	W300			W700		
Designation	■ 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.

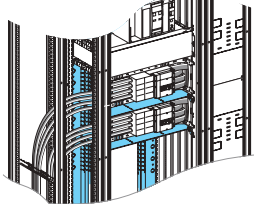
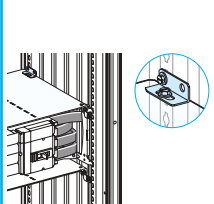
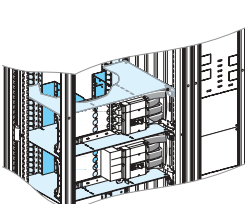
Catalogue numbers

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.

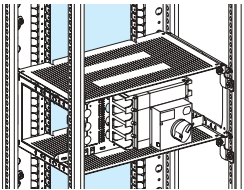
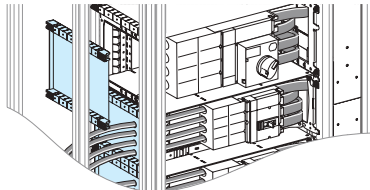
- protection against contact with live parts
- reduction in the risk of faults between the functional units (propagation of electrical arcs, etc.).

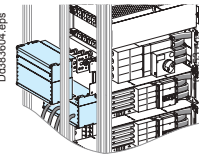
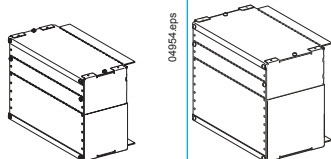
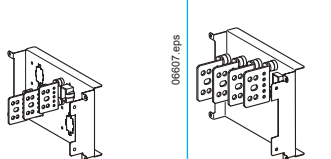
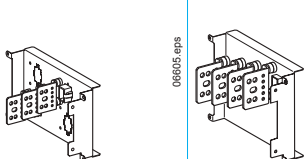
	Front connection		Rear connection	
	 DD384420.eps	 DD384422.eps	 DD384421.eps	
	Horizontal metal partition, W650 mm	Rear support for partitions, W650 mm	6 universal angle brackets	Rear connection
Characteristics	■ A horizontal metal partition can be used to physically separate functional units from one another.	■ 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).	■ 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.	■ Vertical partitions (two cat. no. per functional unit)
				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	
			
Form 4a backplate (one cat. no. per cubicle)		Form 4a gland plate	
Characteristics		■ a plastic gland plate that can be easily cut out (one for each functional unit) and is mounted on the framework.	
		3 or 4 modules	5 or 6 modules
Cat. no.	04946	04951	04952

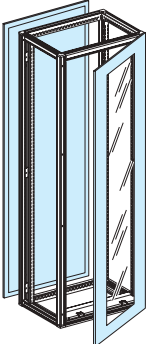
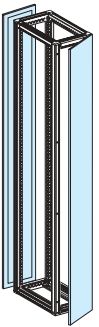
Form 4b partition					
					
Characteristics		■ a cover with metallic gland plates that can be easily cut out on the side and bottom. It is available in two heights : 3 to 5 modules 4 to 6 modules		■ Transfert assembly without connection to simplified the cable installation	
		■ Transfert assembly without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

Characteristics

Catalogue numbers

Common characteristics

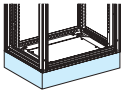
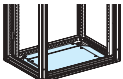
- Roof characteristics:
 - equipped with a factory-mounted polyurethane (PUR) gasket
 - supplied with mounting hardware
 - with markings for clear identification of cable-running zones
- The cables compartment can be mounted on the right or left.
- Can be combined side-by-side or back-to-back.
- Receive 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
 06502 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						

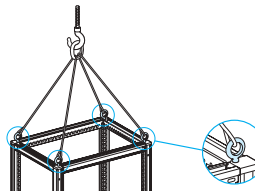
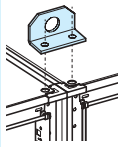
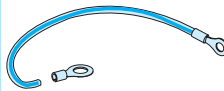
⁽¹⁾ For cables and to install Linergy LGYE, BS busbar.

⁽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
	Plinth H200 ⁽¹⁾	Front and rear cross-pieces	NSYSPF7200	NSYSPF7200	NSYSPF7200	NSYSPF3200	NSYSPF3200
		Lateral cross-pieces	NSYSPS5200	NSYSPS6200	NSYSPS8200	NSYSPS5200	NSYSPS6200
 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.

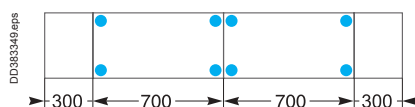
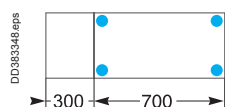
Other accessories						
	 DD385544.eps	 DD384440.eps	 NSYFELB.eps		 DD384368.eps	 21716cable.eps
	Coupling kit	4 lifting rings	4 lifting brackets	Set of 20 screws + M6 nuts	Earthing wire, 6 mm²	Earthing braid ⁽³⁾
Description	■ side-by-side combination ■ back-to-back combination ⁽²⁾: - D500+D500 - D800+D500	■ Use a set of lifting rings for each framework ⁽⁴⁾ (W700 mm) containing devices.	■ When two cubicles with devices have been combined, use a lifting beam.		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: ■ a door or wicket door with devices ■ a front-plate support frame equipped with switchgear in a cubicle.	■ 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

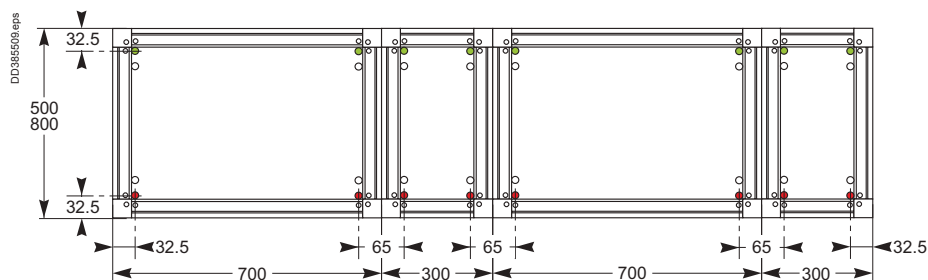
		1600 A configuration ⁽¹⁾		3200 A configuration	
		Spacial SFP	Busbar duct	Spacial SFP	Busbar duct
Nominal dimensions	Height	2000	2000	2000	2000
	Width	700	300	700	300
	Depth	500	500	800	800
Additional dummy load (kg)		350	350	450	450
Seismic plinth H100 mm - Cat. no.		NSYS5GPC75	NSYS5GPC35	NSYS5GPC78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

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

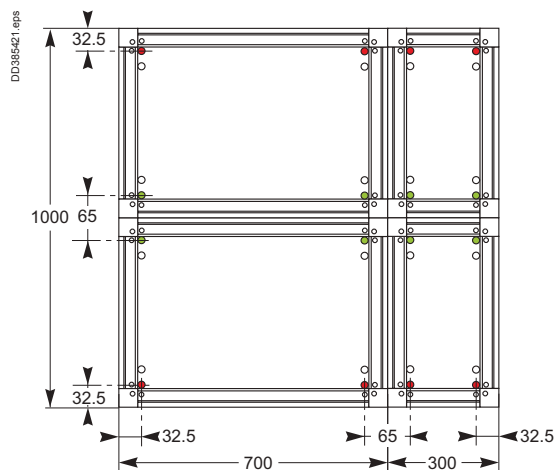
(1) Not compatible for depth 600 mm.

Ground fastening

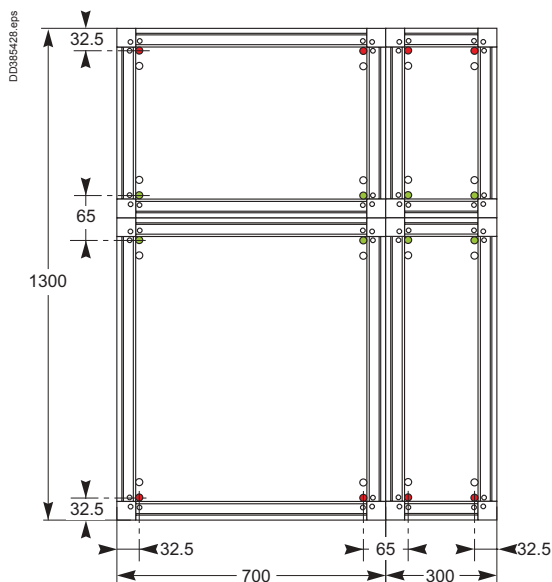
■ Front connection (example: device cubicle W700 mm + compartment W300 mm)



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



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



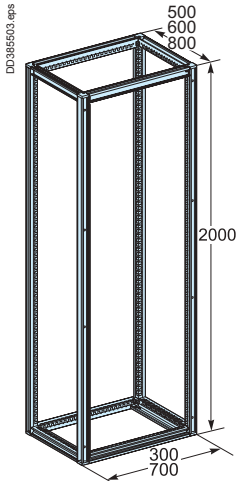
- compulsory fixing point
- optional fixing point

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

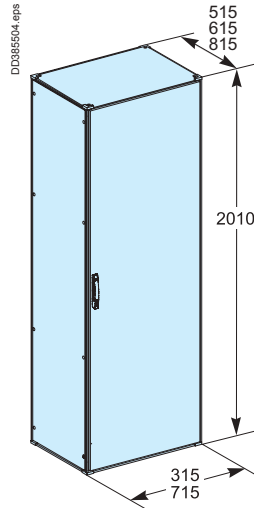
Dimensions

Cubicles

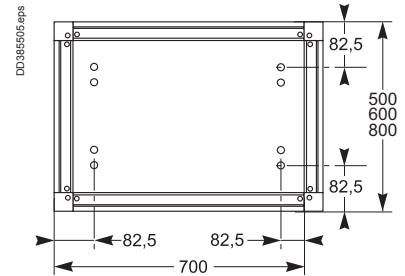
Profile



Cover panels, Plain or transparent door, lateral panels

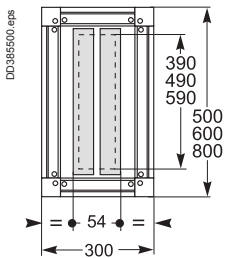


Standard plinth

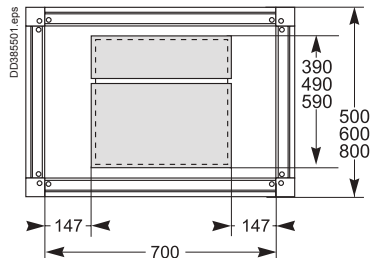


Gland plates

W300

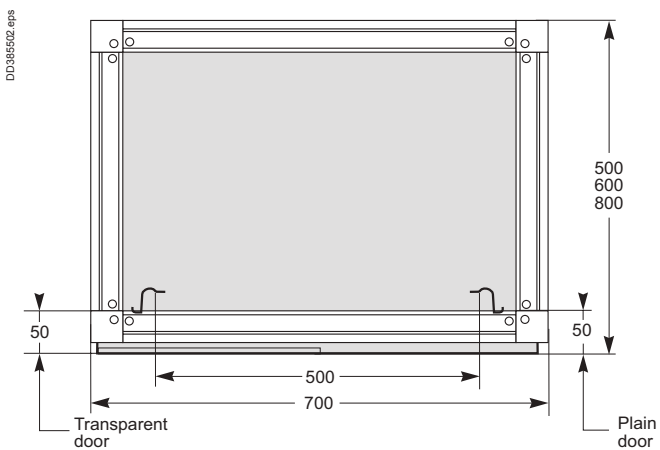


W700



Functional system in Spacial SFP switchboards, cubicle mounting

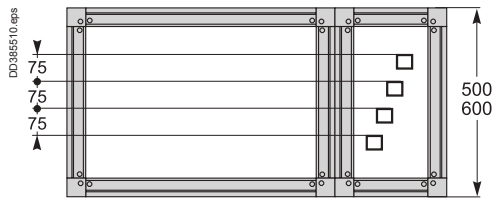
D500, D600, D800



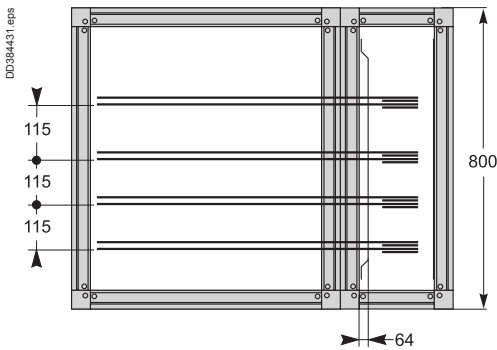
Dimensions

Busbars mounting, Lateral vertical busbars

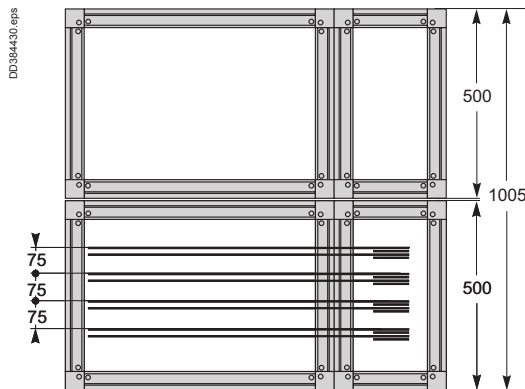
1600 A



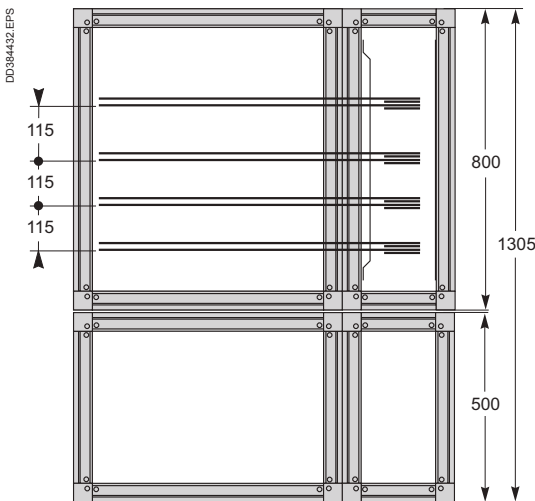
2500 A



2000 A



3200 A



Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
92506 Rueil Malmaison Cedex
France

RCS Nanterre 954 503 439
Capital social 896 313 776 €
www.schneider-electric.com

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