

Prisma functional system

Power busbars

Linery LGYE - Lateral profiles up to 4000 A

In Spacial SFP duct		Up to 4000 A											
Linery profile, 2000 mm length		W300											
		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	IP > 31 680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3620			
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 NSYBSA		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 _{cw} (kA rms/1 s)		≤ 30	3		≤ 40	3+2		≤ 50	3		≤ 60	3		≤ 65	3+2		≤ 75	3+4		≤ 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) + NSYBSA (free) + NSYAS500 (spacer) ⁽¹⁾																					
		75 mm distance between bars	W300, D600	NSYBVS600 (fixed) + NSYBSA (free) + NSYAS600 (spacer) ⁽¹⁾																					
		115 mm distance between bars	W300, D800	NSYBVS800 (fixed) + NSYBSA (free) + NSYAS800 (spacer) ⁽¹⁾																					
		Spacial SFP duct	W300, D800	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

		Wedge fitted on bottom support 04658		Wedge fitted on bottom support 04659	
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.		Bottom support		04663	
		Wedge		04658	
				04659	

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)		04607	
		04605 (long connection)			