

Accessories for low voltage switchboards

Power busbars

Lineryg BS

Lineryg BS - Horizontal busbars up to 4000 A										
Installation in Spacial SF	Up to 1600 A				Up to 4000 A					
Copper without holes, 2000 mm length										
Permissible current for an ambient temp. IP > 31 of 35°C around the switchboard	750 A	900 A	1250 A	1600 A	1600 A	1800 A	2000 A	2500 A	2900 A	3340 A
Size of bars (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 bars per phase	1	1	2	2	1	2	2	2	2	2
Height available (mm)	150									200
References	04536	04538	04536	04538	04548	04545	04546	04548	04550	04552

Busbar supports

Characteristics		2 supports shall mandatorily be fastened to the structure of the 800 mm wide Spacial SF cubicle. If the width is greater, add a NSYSUCR40** cabinet cross rail to add a third fixed support. 1 support shall mandatorily be fastened to the structure of the cubicles of width 300 mm and 400 mm. If more supports are required, use free supports.								
Number of supports depending on I _{cw} (kA.rms/1 s)	≤ 15	2 x NSYBHS** *								
	≤ 25	2+1 **	2 x NSYBHS** *							
	≤ 30	2+1 **	2 x NSYBHS** *							
	≤ 40	2+1 **	2 x NSYBHS** *							
	≤ 50	-	2+1 **	2 x NSYBHS** *				2 x NSYBHS** *		
	≤ 60	-	2+1 **			2+1 **				
	≤ 65	-	2+1 **			2+1 **				
	≤ 75	-	2+4 ***		2+1 **				2+1 **	
	≤ 85	-	-				2+1 **			
References	Fixed support	NSYBHS**								NSYBHS** + 04646
	Free support	NSYBSA								NSYBSA + 04646

* If spacing between supports > 800 mm add 1 NSYBSA free support.

** If spacing between supports > 300 mm add 1 NSYBSA free support.

*** If spacing between supports > 135 mm add 1 NSYBSA free support.

Joints										
Installation dans Spacial SF	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				
Size of bars (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 torque nut										
References	04640	04641	04640	04641	04641	04640	04640	04641	04641	04643