

Busbar systems Flat-PLS

System components

Busbar system Flat-PLS/Flat-PLS 100, for flat copper bars

For the configuration of busbar systems from flat copper bars.

For mounting on a system attachment or directly on the mounting plate.

Also suitable for aluminium and copper-plated aluminium bars.

Max. permissible tolerance of bar width (60/100 mm) ± 0.3 mm, bar thickness (10 mm) ± 0.15 mm.

Material:

- Polyamide (PA 6.6).
- Fire protection corresponding to UL 94-V0

Colour:

RAL 9005

Short-circuit resistance diagrams:

Available on the Internet.

Current carrying capacity:

Available on the Internet.

Technical information:

Available on the Internet.

Supports and attachment in the TS 8 enclosure				Flat-PLS 60		Flat-PLS 100			
				Model No. SV		Model No. SV			
A Busbar support									
System	For busbars up to mm ¹⁾		Packs of						
Flat-PLS 60	4 x 60 x 10		1	9676.002	–				
Flat-PLS 100	4 x 100 x 10		1	–	9676.004				
B Busbar support for stabiliser bar									
System	For busbars up to mm ¹⁾		Packs of						
Flat-PLS 60	4 x 60 x 10		1	9676.020	–				
Flat-PLS 100	4 x 100 x 10		1	–	9676.021				
D System attachment for installation in the busbar support									
For application	Enclosure depth mm	Bar centre distance mm			Packs of	3-pole	4-pole	3-pole	4-pole
		120	165	185					
D1 in the roof/base section/directly above/below coupling switch	600	■	–	–	2	9674.162	9674.162	–	–
		–	■	–	2	–	–	9674.164	–
	800	■	–	–	2	9674.182	9674.182	–	–
		–	■	–	2	–	–	9674.184	9674.184
D2 Vertical coupling set	600	■	–	–	2	9674.172	9674.172	–	–
		–	■	–	2	–	–	9674.174	–
	800	■	–	–	2	9674.192	9674.192	–	–
		–	■	–	2	–	–	9674.194	9674.194
D3 Rear section top/bottom	–	■	–	–	2	9674.122	9674.122	–	–
		–	■	–	2	–	–	9674.124	9674.124
D4 Rear section, centre (185 mm)	–	–	–	■	2	9674.152	–	–	–
		–	–	■	2	–	–	9674.154	–
D5 Single-pole assembly, for mounting on the TS 8 frame	–	–	–	–	2	9674.102	9674.102	9674.104	9674.104
C Busbar stabiliser bars									
For busbar supports	Bar centre distance mm	System assembly		Packs of	3-pole	4-pole	3-pole	4-pole	
SV 9676.020	120	3/4-pole		2	9676.022	9676.023	–	–	
	185	3-pole		2	9676.026	–	–	–	
SV 9676.021	165	3/4-pole		2	–	–	9676.024	9676.025	
	185	3-pole		2	–	–	9676.027	–	

¹⁾ At a bar width of < 60 mm for Flat-PLS 60 or < 100 mm for Flat-PLS 100, the empty gaps in the support should be filled with spacers. When using only 1, 2 or 3 bars, the vacant bar slots should be closed using the filler pieces.