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RiLine

Busbar systems 3-pole and DC

Holder + busbars + contact hazard protection

- Flat copper busbar system, see page 198
- PLS busbar system, see page 200
- Accessories, see page 217

Connection systems 3-pole

- Connection adapters, see page 202
- Terminals, see page 223
- Connection block, see page 224
- Accessories, see page 223

Component adapters 3-pole

- OM adapters, see page 204
- Circuit-breaker component adapters, see page 208
- Accessories, see page 225

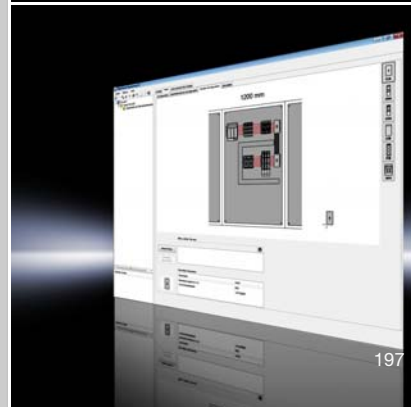
Fuse elements 3-pole

- NH fuse-switch disconnectors, see page 213
- Fuse holders, see page 215
- Accessories, see page 228

Rittal Power Engineering with update function

Model No. 3020.500,
see page 231

- Configuration of RiLine busbar systems
- Simple component selection, integrated switchgear database
- Automatic calculation of rated currents and power dissipation



RiLine Busbar Systems up to 800 A (60 mm)



Connection adapters Page 202 **OM adapters** Page 204 **Fuse elements** Page 213

Material:

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

Color:

- RAL 7035

Note:

- UL approval only applies in conjunction with AC applications
- The use of a base tray is required for UL applications

Technical details:

Available on the Internet

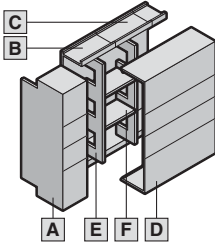
Flat copper busbar system

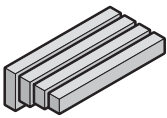
Busbar supports					
					
Number of poles	Packs of	3-pole	3-pole	3-pole	Page
Busbar center distance mm		60	60	60	
With external attachment		■	–	–	
With internal attachment		–	■	■	
For busbars mm	12 x 5/10	■	■	–	
	15 x 5 – 25 x 10, 30 x 5	■	■	■	
	30 x 10	■	■	■	
Rated operating voltage V, ~		1000, 3~	1000, 3~	1000, 3~	
		–	–	1500 (DC)	
Approvals		–	–	UL	
Model No.	4 pc(s).	9340.010	9340.000	9340.050	
Also required					
Spacers when using 12 x 5/10 mm busbars		■	■	–	
Model No.	12 pc(s).	9340.090	9340.090	–	217

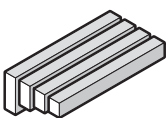
RiLine Busbar Systems up to 800 A (60 mm)

Flat copper busbar system

Busbar supports					
					
Number of poles	Packs of	3-pole	3-pole	3-pole	Page
Busbar center distance mm		60	60	60	
Model No.	4 pc(s).	9340.010	9340.000	9340.050	198
Also required					
Spacer when using 12 x 5/10 mm busbars		■	■	–	
Model No.	12 pc(s).	9340.090	9340.090	–	217

Contact hazard protection								
	Components	Length inches (mm)	Approvals	Packs of	Model No.			Page
	A End covers	–	UL	2 pc(s).	9340.070	9340.070	9340.070	–
	B Base trays	20 (500)	UL	2 pc(s).	–	9340.100	9340.100	222
		28 (700)	UL	2 pc(s).	–	9340.110	9340.110	222
		35 (900)	UL	2 pc(s).	–	9340.120	9340.120	222
		43 (1100)	UL	2 pc(s).	–	9340.130	9340.130	222
		94 (2400)	UL	1 pc(s).	–	9340.170	9340.170	222
	C Base tray infills	4 (100)	UL	2 pc(s).	–	9340.140	9340.140	222
	D Cover sections	28 (700)	UL	2 pc(s).	–	9340.200	9340.200	222
		43 (1100)	UL	2 pc(s).	–	9340.210	9340.210	222
	E Support panels	–	UL	5 pc(s).	–	9340.220	9340.220	222
	F Cross members	6 (160)	UL	2 pc(s).	–	–	9340.230	222

Busbars E-Cu, length: 94" (2400 mm)/bar									
	Dimensions mm	Max. rated current A to		Approvals	Packs of	Model No.			Page
		DIN EN	UL 508						
	12 x 5	210	—	UL	6 pc(s).	3580.000	3580.000	3580.000	218
	12 x 10	340	—	UL	6 pc(s).	3580.100	3580.100	3580.100	218
	15 x 5	260	175	UL	6 pc(s).	3581.000	3581.000	3581.000	218
	15 x 10	360	350	UL	6 pc(s).	3581.100	3581.100	3581.100	218
	20 x 5	319	230	UL	6 pc(s).	3582.000	3582.000	3582.000	218
	20 x 10	497	465	UL	3 pc(s).	3585.005	3585.005	3585.005	218
	25 x 5	384	290	UL	6 pc(s).	3583.000	3583.000	3583.000	218
	30 x 5	447	350	UL	6 pc(s).	3584.000	3584.000	3584.000	218
	30 x 10	800	700	UL	3 pc(s).	3586.005	3586.005	3586.005	218

Busbars CUPONAL, length: 94" (2400 mm)/bar									
	Dimensions mm	Max. rated current A to		Approvals	Packs of	Model No.			Page
		DIN EN	UL 508						
	20 x 5	235	–	–	6 pc(s).	–	3582.020	3582.020	218
	20 x 10	363	–	–	3 pc(s).	–	3585.020	3585.020	218
	30 x 5	328	–	–	6 pc(s).	–	3584.020	3584.020	218
	30 x 10	493	–	–	3 pc(s).	–	3586.020	3586.020	218

Accessories							
Components	For busbars mm	Approvals	Packs of	Model No.			Page
Busbar connectors for single connection	12 x 5 – 15 x 10	UL	3 pc(s).	9350.075	9350.075	9350.075	220
	20 x 5 – 30 x 10	UL	3 pc(s).	9320.020	9320.020	9320.020	220
Busbar connectors for baying connection ¹⁾	20 x 5 – 30 x 10	UL	3 pc(s).	9320.030	9320.030	9320.030	220
Busbar cover sections Length: 39" (1000 mm)/section	12 x 5 – 30 x 10	UL	10 pc(s).	3092.000	3092.000	3092.000	219
	12/15 x 5	UL	4 pc(s).	9350.010	9350.010	9350.010	219
	12/15 x 10	UL	4 pc(s).	9350.060	9350.060	9350.060	219

¹⁾ Connection from enclosure to enclosure