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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

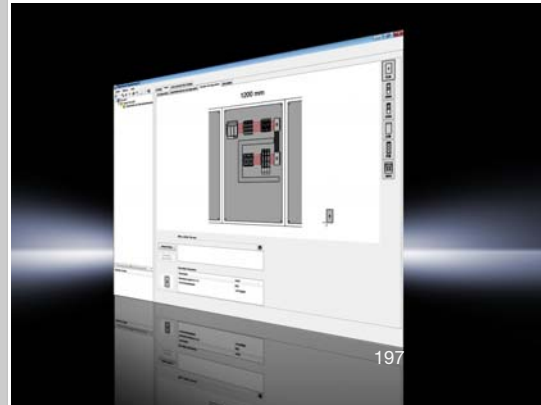
Fuse elements 3-pole

- 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



Connection Adapters



Busbar system Page 198 OM adapters Page 204 Circuit-breaker component adapters Page 208 Fuse elements Page 213

Material:

- Cover: ABS
- Chassis: Polyamide (PA 6.6)
- Chassis 3439.010: Fiberglass-reinforced, thermoplastic polyester (PBT)
- Fire behavior corresponding to UL 94-V0

Color:

- RAL 7035





Note:

- The technical data may vary for UL applications
- UL approval only applies in conjunction with AC application
- The rated operating voltage for DC applications depends on the busbar arrangement in the busbar support 9340.050/9341.050/9342.050

Technical details:



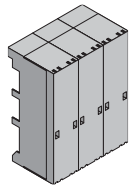
Available on the Internet

Rated current max. 63 – 125 A

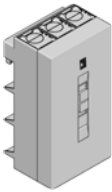
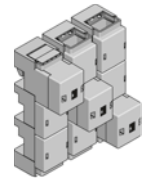
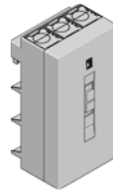
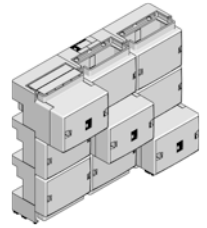
							
Rated current max. A	Packs of	63	63	125	125	Page	
Rated operating voltage V, ~		690, 3~	690, 3~	690, 3~	690, 3~		
Rated operating voltage (L1 + L2) V		-	1000 (DC)	-	1000 (DC)		
Rated operating voltage (L1 + L3) V		-	1500 (DC)	-	1500 (DC)		
Number of poles		3-pole	3-pole	3-pole	3-pole		
Cable outlet		Top	Bottom	Top/bottom	Bottom		
Connection of round conductors, fine wire with wire end ferrule	mm ²	2.5 - 10	2.5 - 10	10 - 25	10 - 25		
Connection of round conductors, multi-wire	mm ²	2.5 - 10	2.5 - 10	16 - 35	16 - 35		
	AWG	14 - 8	14 - 8	6 - 2	6 - 2		
Connection of round conductors, single-wire	mm ²	2.5 - 10	2.5 - 10	-	-		
	AWG	14 - 8	14 - 8	-	-		
Clamping area for laminated copper bars, H x W mm		-	-	7.8 x 10	7.8 x 10		
Clamping area for laminated copper bars, H x W (for 5 mm bar thickness)		-	-	-	-		
Clamping area for laminated copper bars, H x W (for 10 mm bar thickness)		-	-	-	-		
Height mm		215	215	210	210		
Width mm		20	20	55	55		
Approvals		UL	UL	UR	UL		
For busbar systems with center-to-center distance mm		60	60	60	60		
For bar thickness mm		5/10	5/10	5/10	5/10		
Model No.	1 pc(s).	9342.200	9342.210	9342.220	9342.240		
Accessories							
Laminated copper bars		-	-	see page	see page		221

Connection Adapters

Rated current max. 250 – 600 A

					Page
Rated current max. A		250	250	600	
Rated operating voltage V, ~		690, 3~	690, 3~	690, 3~	
Rated operating voltage (L1 + L2) V		–	1000 (DC)	–	
Rated operating voltage (L1 + L3) V		–	1500 (DC)	–	
Number of poles		3-pole	3-pole	3-pole	
Cable outlet		Top/bottom	Bottom	Top/bottom	
Connection of round conductors, fine wire with wire end ferrule	mm ²	35 - 120	35 - 120	35 - 240	
Connection of round conductors, multi-wire	mm ²	35 - 120	35 - 120	35 - 240	
	AWG - MCM	2 - 250	2 - 250	2 - 500	
Clamping area for laminated copper bars, H x W mm		15.5 x 18.5	15.5 x 18.5	21 x 24	
Clamping area for laminated copper bars, H x W (for 5 mm bar thickness)		–	–	–	
Clamping area for laminated copper bars, H x W (for 10 mm bar thickness)		–	–	–	
Height mm		210	210	247	
Width mm		90	90	180	
Approvals		UL	UL	–	
For busbar systems with center-to-center distance mm		60	60	60	
For bar thickness mm		5/10	5/10	5/10	
Model No.		9342.250	9342.270	3439.010	
		Packs of	1 pc(s).	1 pc(s).	1 set(s)
Accessories					
Laminated copper bars		see page	see page	see page	221

Rated current max. 800 – 1600 A

						Page
Rated current max. A		800	800	800	1600	
Rated operating voltage V, ~		690, 3~	690, 3~	690, 3~	690, 3~	
Rated operating voltage (L1 + L2) V		–	1000 (DC)	1000 (DC)	1000 (DC)	
Rated operating voltage (L1 + L3) V		–	1500 (DC)	1500 (DC)	1500 (DC)	
Number of poles		3-pole	3-pole	3-pole	3-pole	
Cable outlet		Top/bottom	Top/bottom	Bottom	Top/bottom	
Connection of round conductors, fine wire with wire end ferrule	mm ²	95 - 185	95 - 185	95 - 185	–	
Connection of round conductors, multi-wire	mm ²	95 - 300	95 - 300	95 - 300	–	
	AWG - MCM	3/0 - 600	3/0 - 600	3/0 - 600	–	
Clamping area for laminated copper bars, H x W mm		20 x 33	–	33 x 20	–	
Clamping area for laminated copper bars, H x W (for 5 mm bar thickness) mm		–	26 x 33	–	27 x 65	
Clamping area for laminated copper bars, H x W (for 10 mm bar thickness) mm		–	21 x 33	–	22 x 65	
Height mm		246	210	246	210	
Width mm		129	150	129	255	
Approvals		UR	UL	UL	UL	
For busbar systems with center-to-center distance mm		60	60	60	60	
For bar thickness mm		5/10	5/10	5/10	5/10	
Model No.		9342.280	9342.310	9342.300	9342.320	
		Packs of	1 pc(s).	1 set(s)	1 pc(s).	1 set(s)
Accessories						
Laminated copper bars		see page	see page	see page	see page	221