

Power distribution

RiLine busbar systems (60 mm)

Circuit-breaker component adaptors

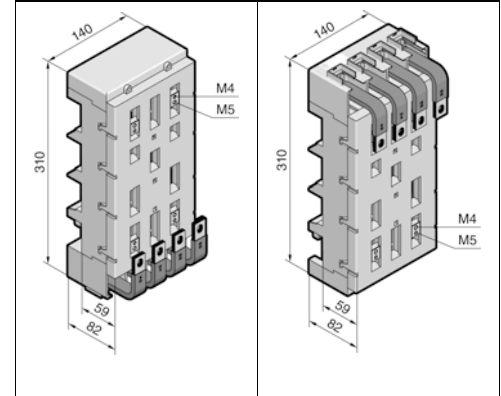
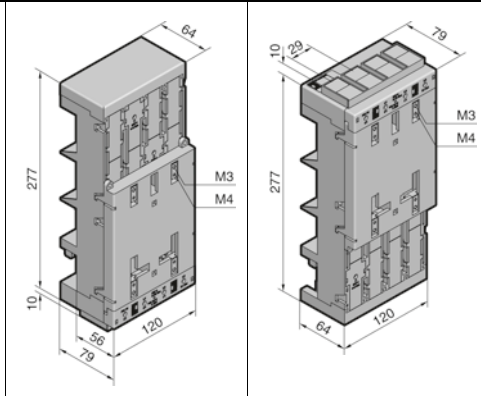
Rated current max. 160 – 250 A, 4-pole

4-pole, for 60 mm bar systems

Note:
– Technical information on the connection of conductors and conductor connectors, see chapter 2-101, page 4

Approvals:

 US LISTED
E191125



Rated current max.	IEC	160 A	160 A
	UL	125 A	125 A
Rated operating voltage	IEC	690 V AC	690 V AC
	UL	600 V AC	600 V AC
Cable outlet		Top	Bottom
With laminated connection straps mm ¹⁾		–	–
Model No. SV		9342.504 (UL)	9342.514 (UL)

250 A	250 A
–	–
690 V AC	690 V AC
–	–
Top	Bottom
18 x 18 x 0.3	18 x 18 x 0.3
9345.604	9345.614

Assembly data for applications to IEC (EN)

Tightening torque Nm		
– Bar attachment	6	6
– Terminal screw	12	12
– Switchgear attachment	1.5	1.5
Connection of round conductors mm ²	35 – 120	35 – 120
Clamping area for laminated copper bars, W x H mm	18.5 x 15.5	18.5 x 15.5

6	6
–	–
1.5	1.5
–	–
–	–

Assembly data for applications to UL

Tightening torque Nm		
– Bar attachment	6	6
– Terminal screw	12	12
– Switchgear attachment	1.5	1.5
Connection of round conductors	AWG 2 – MCM 250	AWG 2 – MCM 250
Connection of laminated copper bars mm	10 x 15.5 x 0.8 ¹⁾	10 x 15.5 x 0.8 ¹⁾

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–	–
–	–
–	–

Material specifications

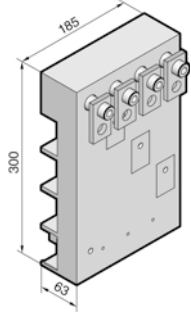
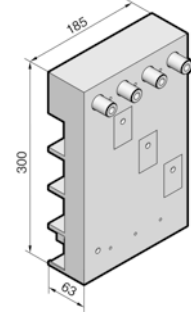
Contact track: E-Cu, nickel-plated	■	■
Conductor connection clamp: Cast brass, nickel-plated	■	■

■	■
–	–

¹⁾ Number of lamina x lamina width x lamina thickness

Circuit-breaker component adaptors

Rated current max. 500 A, 4-pole

4-pole, for 60 mm bar systems					
Rated current max.		500 A	500 A	500 A	500 A
Rated operating voltage		690 V AC	690 V AC	690 V AC	690 V AC
For switchgear make/model	ABB	Tmax T5	–	–	–
	Eaton	–	–	NZM3-4-XKR130	–
	Schneider Electric	–	NS(X)400, NS(X)630	–	–
	Siemens	–	–	–	3VL400
Cable outlet		Bottom	Bottom	Bottom	Bottom
Model No. SV		9345.704	9345.714	9345.724	9345.734
Assembly data for applications to IEC (EN)					
Tightening torque Nm – Bar attachment		12	12	12	12
Material specifications					
Contact track: E-Cu		■	■	■	■