

Busbar adapter, 54 mm, 63 A, DIN rail: 1



**Part no.** BBA4-63  
**101457**  
**EL Number** 2465052  
**(Norway)**

General specifications		
Product name		Eaton Moeller® series BBA Accessory Busbar adapter
Part no.		BBA4-63
EAN		4015081013777
Product Length/Depth		200 millimetre
Product height		63 millimetre
Product width		55 millimetre
Product weight		0.347 kilogram
Certifications		UL UL 508A CSA-C22.2 No. 14 IEC60439-1 CE UL Category Control No.: NMTR; NMTR7 Certified by UL for use in Canada UL File No.: E300273 UL 508
Product Tradename		BBA
Product Type		Accessory
Product Sub Type		Busbar adapter
Delivery program		
Type		Busbar adapter SASY Busbar system 60 mm
Nominal current		63 A
Technical Data - Electrical		
Voltage rating (UL CSA 13)		600 V AC, UL/CSA
Voltage rating at AC		690 V
Rated operation current (Ie)		63 A
Electric connection type		Round conductor
Technical Data - Mechanical		
Rail width		35 mm
Number of DIN rails		1
Busbar distance		60 mm
Busbar thickness - min		5 mm
Busbar thickness - max		10 mm
Adapter width		55 mm
Design verification as per IEC/EN 61439 - technical data		
Equipment heat dissipation, current-dependent Pvid		6.9 W
Static heat dissipation, non-current-dependent Pvs		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		55 °C
Design verification as per IEC/EN 61439		
10.2.2 Corrosion resistance		Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat		Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects		Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation		Meets the product standard's requirements.
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		Meets the product standard's requirements.

10.3 Degree of protection of assemblies		Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances		Meets the product standard's requirements.
10.5 Protection against electric shock		Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components		Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections		Is the panel builder's responsibility.
10.8 Connections for external conductors		Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength		Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage		Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material		Is the panel builder's responsibility.
10.10 Temperature rise		The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>Additional information</b>		
Special features		Terminal capacity: 10 mm <sup>2</sup> (AWG 8)

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Busbar adapter (EC001531)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar adapter (low-voltage switching technology) (ecl@ss13-27-37-03-04 [ACN951016])		
Mounting rail armament		1 mounting rail
Type of electric connection		Round conductor
Rated current I <sub>n</sub>	A	63
Min. busbar thickness	mm	5
Max. busbar thickness	mm	10
Width of the adapter	mm	55
Rail width	mm	35
Busbar distance	mm	60