Busbar adapter, 55 mm, 63 A, DIN rail: 2

Part no. BBA4L-63 101459

**EL Number 2465054** 

(Norway)



(Norway)	
General specifications	
Product name	Eaton Moeller® series BBA Accessory Busbar adapter
Part no.	BBA4L-63
EAN	4015081013791
Product Length/Depth	260 millimetre
Product height	63 millimetre
Product width	55 millimetre
Product weight	0.393 kilogram
Certifications	UL Category Control No.: NMTR; NMTR7 IEC60439-1 CSA-C22.2 No. 14 UL 508 UL CE UL File No.: E300273 Certified by UL for use in Canada UL 508A
Product Tradename	BBA
Product Type	Accessory
Product Sub Type	Busbar adapter
Delivery program	
Туре	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 (le)	63 A
Electric connection type	Round conductor
Technical Data - Mechanical	
Rail width	35 mm
Number of DIN rails	2
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.  Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	

observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.		
10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.10 Temperature rise  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.13 Mechanical function  10.15 Protection against electric shock  10.16 Incorporation of switching devices and components  10.17 Internal electrical circuits and connections  10.18 the panel builder's responsibility.  10.19 Is the panel builder's responsibility.  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.14 Mechanical information	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  1s the panel builder's responsibility.  10.8 Connections for external conductors  1s the panel builder's responsibility.  10.9.2 Power-frequency electric strength  1s the panel builder's responsibility.  10.9.3 Impulse withstand voltage  1s the panel builder's responsibility.  1s the panel builder is responsibility.  1s the panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections  1s the panel builder's responsibility.  10.8 Connections for external conductors  1s the panel builder's responsibility.  10.9.2 Power-frequency electric strength  1s the panel builder's responsibility.  1s the panel builder is responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.  1s the panel builder's responsibility. The specifications for the switchgear must lobserved.	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.13 Mechanical information  10.14 Enganel builder's responsibility. The specifications for the switchgear must leaflet (IL) is observed.  10.15 the panel builder's responsibility. The specifications for the switchgear must lobserved.	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical information 11.15 Is the panel builder's responsibility. The specifications for the switchgear must lobserved. 10.14 Is the panel builder's responsibility. The specifications for the switchgear must lobserved. 10.15 Is the panel builder's responsibility. The specifications for the switchgear must lobserved. 10.16 Is the panel builder's responsibility. The specifications for the switchgear must lobserved. 10.18 Is the panel builder's responsibility. The specifications for the switchgear must lobserved. 10.19 Is the panel builder's responsibility. The specifications for the switchgear must lobserved. 10.19 Is the panel builder is responsibility. The specifications for the switchgear must lobserved. 10.19 Is the panel builder is responsibility. The specifications for the switchgear must lobserved. 10.19 Is the panel builder is responsibility. The specifications for the switchgear must lobserved. 10.19 Is the panel builder is responsibility. The specifications for the switchgear must lobserved.	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.13 Mechanical information  1 Is the panel builder's responsibility.  The panel builder is responsibility. The specifications for the switchgear must loobserved.  10.15 the panel builder's responsibility. The specifications for the switchgear must loobserved.  10.15 the panel builder's responsibility. The specifications for the switchgear must loobserved.  10.15 the panel builder's responsibility. The specifications for the switchgear must loobserved.  10.15 the panel builder's responsibility. The specifications for the switchgear must loobserved.	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.13 Mechanical information  1 Is the panel builder's responsibility.  The panel builder is responsibility. The specifications for the switchgear must lobserved.  10.14 Short-circuit rating  1 Is the panel builder's responsibility. The specifications for the switchgear must lobserved.  10.15 Is the panel builder's responsibility. The specifications for the switchgear must lobserved.  10.16 Short-circuit rating  1 Is the panel builder is responsibility. The specifications for the switchgear must lobserved.  1 Is the panel builder is responsibility. The specifications for the switchgear must lobserved.  1 Is the panel builder is responsibility. The specifications for the switchgear must lobserved.  1 Is the panel builder is responsibility. The specifications for the switchgear must lobserved.  1 Is the panel builder is responsibility. The specifications for the switchgear must lobserved.	10.9.2 Power-frequency electric strength	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 loobserved.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must loobserved.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
provide heat dissipation data for the device's.  10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must lobserved.  10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must lobserved.  10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.	10.10 Temperature rise	
observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.  Additional information	10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
leaflet (IL) is observed.	10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	10.13 Mechanical function	
Special features Terminal canacity: 10 mm² (AWG 8)	Additional information	
Totalia apacity. To thin 1, 1770 of	Special features	Terminal capacity: 10 mm² (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		2 mounting rails
Type of electric connection		Round conductor
Rated current In	Α	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