DATASHEET - BBA0C-16

Busbar adapter, 45 mm, 16 A, DIN rail: 2

Part no.	**BBA0C-16**
	101455
EL Number (Norway)	**2465050**

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General specifications

Product name	Eaton Moeller® series BBA Accessory Busbar adapter
Part no.	BBA0C-16
EAN	4015081013753
Product Length/Depth	200 millimetre
Product height	63 millimetre
Product width	45 millimetre
Product weight	0.28 kilogram
Compliances	Contact Manufacturer
Certifications	UL File No.: E300273 CSA-C22.2 No. 14 CE UL UL 508A IEC60439-1 Certified by UL for use in Canada UL Category Control No.: NMTR; NMTR7 UL 508
Product Tradename	BBA
Product Type	Accessory
Product Sub Type	Busbar adapter
Catalog Notes	This item can only be ordered until December 31, 2023 with a maximum delivery date of May 31, 2024.

Delivery program

Type	Busbar adapter SASY Busbar system 60 mm
Nominal current	16 A

Technical Data - Electrical

Voltage rating (UL CSA 13)	600 V AC, UL/CSA
Voltage rating at AC	690 V
Rated operation current (Ie)	16 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	45 mm

Design verification as per IEC/EN 61439 - technical data

Equipment heat dissipation, current-dependent Pvid	0.8 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.

Additional information

Special features		Terminal capacity: 2.5 mm² (AWG 14)

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	A	16
Min. busbar thickness	mm	5
Max. busbar thickness	mm	10
Width of the adapter	mm	45
Rail width	mm	35
Busbar distance	mm	60