DATASHEET - BBA0-25

Busbar adapter, 45 mm, 25 A, DIN rail: 1

Part no.	**BBA0-25**
	101451
EL Number (Norway)	**2465046**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series BBA Accessory Busbar adapter
Part no.	BBA0-25
EAN	4015081013715
Product Length/Depth	200 millimetre
Product height	73 millimetre
Product width	45 millimetre
Product weight	0.27 kilogram
Certifications	CE UL 508A UL CSA-C22.2 No. 14 Certified by UL for use in Canada IEC60439-1 UL File No.: E300273 UL Category Control No.: NMTR; NMTR7
Product Tradename	BBA
Product Type	Accessory
Product Sub Type	Busbar adapter

Delivery program

Type	Busbar adapter SASY Busbar system 60 mm
Nominal current	25 A

Technical Data - Electrical

Voltage rating (UL CSA 13)	600 V AC, UL/CSA
Voltage rating at AC	690 V
Rated operation current (Ie)	25 A
Electric connection type	3 conductors AWG 12

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	45 mm

Design verification as per IEC/EN 61439 - technical data

Equipment heat dissipation, current-dependent Pvid	1.9 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.
Additional information			
Special features			Terminal capacity: 4 mm^2 (AWG 12)

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			3 conductors AWG 12
Rated current In		A	25
Min. busbar thickness		mm	5
Max. busbar thickness		mm	10
Width of the adapter		mm	45
Rail width		mm	35
Busbar distance		mm	60