

Busbar adapter, 72 mm, 80 A, DIN rail: 2



**Part no.**                    **BBA2-80/2TS-S**  
**116901**

<b>General specifications</b>		
Product name		Eaton Moeller® series BBA Accessory Busbar adapter
Part no.		BBA2-80/2TS-S
EAN		4015081166411
Product Length/Depth		200 millimetre
Product height		63 millimetre
Product width		72 millimetre
Product weight		0.378 kilogram
Certifications		UL File No.: E300273 UL Category Control No.: NMTR; NMTR7 UL 508A UL 508 CSA-C22.2 No. 14 UL CE Certified by UL for use in Canada IEC60439-1
Product Tradename		BBA
Product Type		Accessory
Product Sub Type		Busbar adapter
<b>Delivery program</b>		
Type		Busbar adapter SASY Busbar system 60 mm Universal adapter for 1, 2, and 3-phase applications, not suitable without additional UL/CSA component.
Nominal current		80 A
<b>Technical Data - Electrical</b>		
Voltage rating (UL CSA 13)		600 V AC, UL/CSA
Voltage rating at AC		690 V
Rated operation current (Ie)		80 A
Electric connection type		Screw connection
<b>Technical Data - Mechanical</b>		
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		72 mm
<b>Design verification as per IEC/EN 61439 - technical data</b>		
Equipment heat dissipation, current-dependent Pvid		9.3 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
<b>Design verification as per IEC/EN 61439</b>		
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.

## 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) (ecI@ss13-27-37-03-04 [ACN951016])			
Mounting rail armament			2 mounting rails
Type of electric connection			Screw connection
Rated current I <sub>n</sub>		A	80
Min. busbar thickness		mm	5
Max. busbar thickness		mm	10
Width of the adapter		mm	72
Rail width		mm	35
Busbar distance		mm	60