Specifications



Eaton 101481

Eaton Moeller® series BBA Busbar adapter, 45 mm, 25 A, DIN rail: 2

General specifications	
PRODUCT NAME	Eaton Moeller® series BBA Accessory Busbar adapter
CATALOG NUMBER	101481
MODEL CODE	BBA0-25/2TS
EAN	4015081014019
PRODUCT LENGTH/DEPTH	200 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.282 kg
CERTIFICATIONS	UL 508A UL Certified by UL for use in Canada CSA-C22.2 No. 14 IEC60439-1 UL Category Control No.: NMTR; NMTR7 UL 508 UL File No.: E300273 CE
GLOBAL CATALOG	101481
PRODUCT TYPE	Accessory

Product specifications

SPECIAL FEATURES	Terminal capacity: 4 mm² (AWG 12)
TYPE	• Busbar adapter • SASY Busbar system 60 mm
VOLTAGE RATING (UL CSA 13)	600 V AC, UL/CSA
ADAPTER WIDTH	45 mm
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
BUSBAR DISTANCE	60 mm
BUSBAR THICKNESS - MAX	10 mm
BUSBAR THICKNESS - MIN	5 mm
NOMINAL CURRENT	25 A
NUMBER OF DIN RAILS	2
RAIL WIDTH	35 mm
VOLTAGE RATING AT AC	690 V
ELECTRIC CONNECTION TYPE	3 conductors AWG 12
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	1.9 W
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	Does not apply, since the

Resources

BROCHURES	eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf
CERTIFICATION REPORTS	eaton-xeffect-sasy-60i-declaration-of-conformity.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-eu250602en.pdf eaton-accessory-declaration-of-conformity-uk251085en.pdf
DRAWINGS	eaton-manual-motor-starters-bba-busbar-adapter-dimensions-002.eps eaton-manual-motor-starters-bba-busbar-adapter-3d-drawing.eps
ECAD MODEL	ETN.101481.edz
INSTALLATION INSTRUCTIONS	IL03402015Z
MCAD MODEL	eaton-busbar-adapters-mcad-drawings-bba0-32.dwg eaton-busbar-adapters-mcad-drawings-bba0-25-2ts.dwg eaton-bba0-25-2TS-3d-model.stp
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 101481
TECHNICAL DATA SHEETS	eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf

IMPACT	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.
MOUNTING RAIL ARMAMENT	2 mounting rails
RATED OPERATION CURRENT (IE)	25 A

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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