

Specifications



Eaton 101455

Eaton Moeller® series BBA Busbar adapter,
45 mm, 16 A, DIN rail: 2

General specifications

PRODUCT NAME	Eaton Moeller® series BBA Accessory Busbar adapter
CATALOG NUMBER	101455
MODEL CODE	BBA0C-16
EAN	4015081013753
PRODUCT LENGTH/DEPTH	200 mm
PRODUCT HEIGHT	63 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.28 kg
CERTIFICATIONS	CE IEC60439-1 CSA-C22.2 No. 14 UL File No.: E300273 UL 508A Certified by UL for use in Canada UL Category Control No.: NMTR; NMTR7 UL UL 508
CATALOG NOTES	This item can only be ordered until December 31, 2023 with a maximum delivery date of May 31, 2024.

Additional information

SPECIAL FEATURES

Terminal capacity: 2.5
mm² (AWG 14)

Delivery programme

NOMINAL CURRENT

16 A

TYPE

- Busbar adapter
- SASY Busbar
system 60 mm

Design verification to IEC/EN 61439

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.
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	Does not apply, since the

Design verification to IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0.8 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

AGAINST ELECTRIC SHOCK	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.

Technical data - electrical

ELECTRIC CONNECTION TYPE	Round conductor
RATED OPERATION CURRENT (IE)	16 A
VOLTAGE RATING (UL CSA 13)	600 V AC, UL/CSA
VOLTAGE RATING AT AC	690 V

Technical data - mechanical

ADAPTER WIDTH	45 mm
BUSBAR DISTANCE	60 mm
BUSBAR THICKNESS - MAX	10 mm
BUSBAR THICKNESS - MIN	5 mm
MOUNTING RAIL ARMAMENT	2 mounting rails
NUMBER OF DIN RAILS	2
RAIL WIDTH	35 mm

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-uk251085en.pdf eaton-accessory-declaration-of-conformity-eu250602en.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.101455.edz
INSTALLATION INSTRUCTIONS	IL03402015Z
MCAD MODEL	eaton-busbar-adapters-mcad-drawings-bba0c-16.dwg eaton-bba0c-16-3d-model.stp
TECHNICAL DATA SHEETS	eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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