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Specifications

Eaton 101453



Catalog Number: 101453

Eaton Moeller® series BBA Busbar adapter, 90 mm, 25 A, DIN rail: 1

General specifications

Product Name	**Catalog Number**
Eaton Moeller® series BBA Accessory Busbar adapter	101453
	EAN
	4015081013739
Product Length/Depth	**Product Height**
200 mm	73 mm
Product Width	**Product Weight**
90 mm	0.479 kg

Certifications

IEC60439-1
UL Category Control No.: NMTR; NMTR7
UL File No.: E300273
CSA-C22.2 No. 14
UL 508A
CE
Certified by UL for use in Canada
UL

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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

90 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

1

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

Resources

Brochures

eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf

Catalogs

eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf

Product Range Catalog Switching and protecting motors

Certification reports

eaton-xeffect-sasy-60i-declaration-of-conformity.pdf

Declarations of conformity

DA-DC-00004637.pdf

DA-DC-00004920.pdf

DA-DC-00005041.pdf

DA-DC-00004244.pdf

DA-DC-00004992.pdf

DA-DC-00004996.pdf

DA-DC-00004937.pdf

DA-DC-00005031.pdf

DA-DC-00004891.pdf

DA-DC-00004878.pdf

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DA-DC-00004950.pdf

DA-DC-00004945.pdf

DA-DC-00004624.pdf

DA-DC-00004993.pdf

Drawings

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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 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

eaton-manual-motor-starters-bba-busbar-adapter-dimensions-010.eps

eaton-manual-motor-starters-bba-busbar-adapter-3d-drawing-006.eps

eCAD model

ETN.101453.edz

Installation instructions

IL03402015Z

mCAD model

bba0r_25

bba0r_25.stp

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

1 mounting rail

Rated operation current (Ie)

25 A

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