

Eaton 101451

Catalog Number: 101451

Eaton Moeller® series BBA Busbar adapter, 45 mm, 25 A, DIN rail:
1 BBA0-25



General specifications

| | |
|---|-----------------------------------|
| Product Name | Catalog Number |
| Eaton Moeller® series BBA Accessory Busbar adapter | 101451 |
| | Model Code |
| | BBA0-25 |
| EAN | Product Length/Depth |
| 4015081013715 | 200 mm |
| Product Height | Product Width |
| 73 mm | 45 mm |
| Product Weight | Certifications |
| 0.27 kg | CE |
| | UL |
| | Certified by UL for use in Canada |
| | CSA-C22.2 No. 14 |
| | UL Category Control No.: NMTR; |
| | NMTR7 |
| | IEC60439-1 |
| | UL 508A |
| | UL File No.: E300273 |

Product specifications

Nominal current

25 A

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Number of DIN rails

1

Busbar thickness - min

5 mm

Equipment heat dissipation, current-dependent Pvid

1.9 W

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Voltage rating at AC

690 V

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

Mounting rail armament

1 mounting rail

Rail width

35 mm

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.

10.8 Connections for external conductors

Is the panel builder's responsibility.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Resources

Brochures

[eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf](#)

Catalogs

Product Range Catalog Switching and protecting motors

[eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf](#)

Certification reports

[eaton-xeffect-sasy-60i-declaration-of-conformity.pdf](#)

[DA-DC-00004246.pdf](#)

[DA-DC-00004245.pdf](#)

[DA-DC-00004544.pdf](#)

[DA-DC-00004244.pdf](#)

[DA-DC-00004108.pdf](#)

[DA-DC-00004637.pdf](#)

[DA-DC-00004624.pdf](#)

[DA-DC-00004109.pdf](#)

Drawings

[eaton-manual-motor-starters-bba-busbar-adapter-dimensions-002.eps](#)

[eaton-manual-motor-starters-bba-busbar-adapter-3-d-drawing-009.eps](#)

eCAD model

[ETN.BBA0-25](#)

Installation instructions

[IL03402015Z](#)

mCAD model

[bba0_25.stp](#)

[bba0_25](#)

Special features

Terminal capacity: 4 mm² (AWG 12)

Rated operation current (I_e)

25 A

Ambient operating temperature - max

55 °C

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

Static heat dissipation, non-current-dependent P_{vs}

0 W

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Voltage rating (UL CSA 13)

600 V AC, UL/CSA

Ambient operating temperature - min

-25 °C

Busbar thickness - max

10 mm

Type

Busbar adapter

SASY Busbar system 60

mm

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

Busbar distance

60 mm

Electric connection type

3 conductors AWG 12

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

Heat dissipation per pole, current-dependent P_{vid}

0 W

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

Adapter width

45 mm



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