Specifications

Eaton 101451



Catalog Number: 101451

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

General specifications

Product Name
Eaton Moeller® series BBA Accessory Busbar adapter

Catalog Number
101451

Model Code
BBA0-25

EAN
4015081013715

Product Length/Depth
200 mm

Product Height
73 mm

Product Width
45 mm

Product Weight
0.27 kg

Certifications
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

Powering Business Worldwide

Delivery program

Type

Busbar adapter

SASY Busbar system 60

mm

Nominal current

25 A

Technical data - electrical

Voltage rating (UL CSA 13)

600 V AC, UL/CSA

Voltage rating at AC

690 V

Rated operation current (Ie)

25 A

Electric connection type

3 conductors AWG 12

Technical data - mechanical

Mounting rail armament

1 mounting rail

Rail width

35 mm

Number of DIN rails

1

Busbar distance

60 mm

Busbar thickness - min

5 mm

Busbar thickness - max

10 mm

Adapter width

45 mm

Design verification as per IEC/EN 61439 - technical data

Equipment heat dissipation, current-dependent Pvid

1.9 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

Design verification as per IEC/EN 61439

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.

Additional information

Special features

Terminal capacity: 4 mm² (AWG 12)

Resources

Brochures

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

Catalogues

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-00004915.pdf

DA-DC-00004969.pdf

DA-DC-00004992.pdf

DA-DC-00004891.pdf

DA-DC-00005031.pdf

DA-DC-00004624.pdf

DA-DC-00004993.pdf

DA-DC-00004997.pdf

DA-DC-00004944.pdf

DA-DC-00004890.pdf

DA-DC-00004244.pdf

DA-DC-00004937.pdf

DA-DC-00004920.pdf

DA-DC-00004972.pdf

DA-DC-00004886.pdf

DA-DC-00005040.pdf

DA-DC-00004945.pdf

DA-DC-00004950.pdf

DA-DC-00005037.pdf

DA-DC-00005041.pdf

DA-DC-00004246.pdf

DA-DC-00004976.pdf

10.13 Mechanical function

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

DA-DC-00004996.pdf

Drawings

1210DIM-30

eaton-manual-motor-starters-dimensions-1210dim-30.eps

eaton-manual-motor-starters-bba-busbar-adapter-dimensions-002.eps

Drawings

1210DRW-458

eaton-manual-motor-starters-bba-busbar-adapter-3d-drawing-009.eps

eCAD model

ETN.101451.edz

ETN.BBA0-25

Installation instructions

IL03402015Z

mCAD model

bba0_25.stp

eaton-cadenas-path-01-geo-assemblies-bba0_25_asmtpl.prj

eaton-cadenas-front_view-bba0_25_front.pra

bba0_25

eaton-cadenas-side_view-bba0_25_side.pra

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