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BBA2-63 - Busbar adapter, 72 mm, 63 A, DIN rail: 1



101458 BBA2-63

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101458 BBA2-63

Busbar adapter, 72 mm, 63 A, DIN rail: 1

Alternate Catalog No.

BBA2-63

EL-Nummer (Norway)

2465053

72mm busbar adapter for 60mm busbar system, one mounting rail, three prefabricated cables (AWG8/10 square millimeter) for connection of switching device, can be used for motor-protective circuit-breaker PKZ2, rated operational current: 63A

- Delivery program

Design verification as per IEC/EN 61439

- Technical data ETIM 7.0

- Approvals

- Dimensions

Delivery program

Accessories

Busbar adapters

Approved to UL 508

For fitting to flat Cu-busbars with 60 mm between busbar centres, suitable for 5 mm and 10 mm busbar thickness

Rated operational current 63 A

For motor-protective circuit-breakers

For use with

Busbar adapters PKZ2

Rated operational voltage [U_n]

690 V

Rated operational current [I_n]

63 A

Terminal capacity

AWG 8

(10 mm²)

Adapter width

72 mm

Adapter length

200 mm

DIN rail

1 Quantity

Adapter width

72 mm

For use with

PKZM4, FKE65

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_r]

63 A

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

0 W

Equipment heat dissipation, current-dependent [P_{vid}]

6.9 W

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

0 W

Heat dissipation capacity [P_{diss}]

0 W

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+55 °C

IEC/EN 61439 design verification

10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.5 Lifting

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

10.2 Strength of materials and parts 10.2.6 Mechanical impact

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

10.2 Strength of materials and parts 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 Insulation properties 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9 Insulation properties 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9 Insulation properties 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.

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Busbar adapter (EC001531)

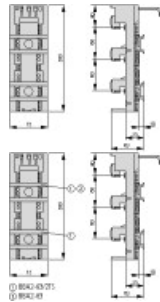
Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar adapter (low-voltage switching technology) (ecl@ss10.0.1-27-37-03-04 [ACN951011])

Mounting rail armament
1 mounting rail
Type of electric connection
Round conductor
Rated current In
63 A
Mn. busbar thickness
5 mm
Max. busbar thickness
10 mm
Width of the adapter
72 mm
Rail width
35 mm
Busbar distance
60 mm

Approvals

Product Standards
UL 508A; CSA-C22.2 No. 14; IEC60439-1; CE marking
UL File No.
E300273
UL Category Control No.
NMTR; NMTR7
North America Certification
UL listed, certified by UL for use in Canada
Specially designed for North America
No
Max. Voltage Rating
600 V AC

Dimensions



Additional product information

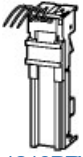
- [Motor starters and "Special Purpose Ratings" for the North American market \(PDF\)](#)
- [Busbar Component Adapters for modern Industrial control panels \(PDF\)](#)

Product photo



4300PIC-112
Photo

3D drawing



1210DRW-133

Line drawing

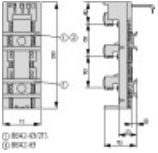
Component adapter, 3-pole

Dimensions single product



1210DIM-108

Line drawing



1210DIM-31

Line drawing

Instruction Leaflet

- [Busbar adapter \(IL03402015Z\)](#)
Asset
(PDF, multilingual)

CAD data

edz files

- [DA-CE-ETN.BBA2-63](#)
File
(Web)

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