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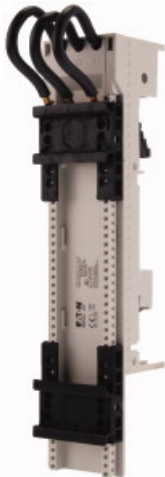


BBA4L-63 - Busbar adapter, 55 mm, 63 A, DIN rail: 2



101459 BBA4L-63

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101459 BBA4L-63

Busbar adapter, 55 mm, 63 A, DIN rail: 2

Alternate Catalog No.

BBA4L-63

EL-Nummer (Norway)

2465054

55mm busbar adapter for 60mm busbar system, two mounting rails, three prefabricated cables (AWG8/10 square millimeter) for connection of switching device, can be used for DOL starter with PKZM4 / PKE65 with contactor DILM40 to DILM65, rated operational current: 63A

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- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)
- [Approvals](#)
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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 DOL Starter

For use with

Busbar adapter PKZM4

Rated operational voltage [U_e]

690 V

Rated operational current [I_e]

63 A

Terminal capacity

AWG 8

(10 mm²)
Adapter width
55 mm
Adapter length
260 mm
DIN rail
2 Quantity
Adapter width
55 mm
For use with
FKZM4, FKE65 + DILM(C)17
FKZM4, FKE65 + DILM(C)25
FKZM4, FKE65 + DILM(C)32
FKZM4, FKE65 + DILM(C)40
FKZM4, FKE65 + DILM(C)50
FKZM4, FKE65 + DILM(C)65

Notes

Can be used in combination with individual components FKZM4, FKE65 + DILM40 to DILM65 electrical contact module FKZM4-XM65DE

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

2 mounting rails

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

55 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

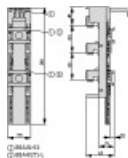
Specially designed for North America

No

Max. Voltage Rating

600 V AC

Dimensions



CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-bba4l_63](#)

File
(Web)

edz files

- [DA-CE-ETN.BBA4L-63](#)
File
(Web)

Step files

- [DA-CS-bba4l_63](#)
File
(Web)

Product presentation



• [BBA4L-63_C](#)
Photo
Busbar adapter
(Web)



• [BBA4L-63_L](#)
Photo
Busbar adapter
(Web)



• [BBA4L-63_R](#)
Photo
Busbar adapter
(Web)

Additional product information

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

3D drawing



• [1210DRW-168](#)
Line drawing
Component adapter, 3-pole

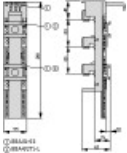
Product photo



1210PIC-353

Photo

Dimensions single product



1210DIM-32

Line drawing

Declaration of Conformity

EU

- [PKE65 \(DA-DC-00003630\)](#)
Asset
(PDF)

Instruction Leaflet

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

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