Product specifications

Eaton 232290

Catalog Number: 232290

Eaton Moeller® series B3 Three-phase busbar link, Circuit-breaker: 5, 225 mm, For PKZM0-... or PKE12, PKE32 without side mounted auxiliary contacts or voltage releases

General specifications

Product Name
Eaton Moeller® series B3 Accessory Three-phase busbar link

Catalog Number
232290

Model Code
B3.0/5-PKZ0

EAN
4015082322908

Product Length/Depth
225 mm

Product Height
34 mm

Product Width
12 mm

Product Weight
0.1 kg

Certifications
CSA-C22.2 No. 14
UL 508
UL File No.: E36332
CSA Class No.: 3211-06
UL Category Control No.: NLRV
CSA File No.: 98494
IEC/EN 60947-4-1
UL
CE
CSA

Catalog Notes
For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5

Powering Business Worldwide

Features & Functions

Color

Black

Electric connection type

Fork

Features

Insulated

Functions

Can be extended by rotating installation

Number of phases

3

Number of poles

Three-pole

General

Mounting width

45 mm

Overvoltage category

III

Pollution degree

3

Product category

Accessories

Rated impulse withstand voltage (Uimp)

6000 V AC

Suitable for

5 Circuit-breakers

Used with

PKZ0

PKE12

PKE32

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

Electrical rating

Rated operational voltage (Ue) - max

690 V

Rated operational voltage (Ue) at AC - max

690 V

Rated uninterrupted current (Iu)

63 A

Short-circuit rating

Rated conditional short-circuit current (Iq)

0 kA

Rated short-time withstand current (Icw)

0 kA

Design verification

Equipment heat dissipation, current-dependent Pvid

7.5 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

2.5 W

Rated operational current for specified heat dissipation (In)

63 A

Static heat dissipation, non-current-dependent Pvs

0 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.

Resources

Brochures

Motor Starters in System xStart - brochure

Save time and space thanks to the new link module PKZM0-XDM32ME

Catalogues

Switching and protecting motors - catalog

Product Range Catalog Switching and protecting motors

Certification reports

DA-DC-00004554.pdf

DA-DC-00004601.pdf

DA-DC-00004109.pdf

DA-DC-00004245.pdf

Declarations of conformity

DA-DC-00004920.pdf

DA-DC-00004891.pdf

DA-DC-00004884.pdf

DA-DC-00004892.pdf

DA-DC-00004945.pdf

DA-DC-00004917.pdf

DA-DC-00004918.pdf

DA-DC-00004921.pdf

DA-DC-00004911.pdf

DA-DC-00004879.pdf

DA-DC-00004883.pdf

DA-DC-00004890.pdf

DA-DC-00004888.pdf

DA-DC-00004887.pdf

DA-DC-00004951.pdf

DA-DC-00004914.pdf

DA-DC-00004962.pdf

DA-DC-00004944.pdf

Drawings

eaton-manual-motor-starters-busbar-b3-accessory-dimensions-002.eps

eaton-manual-motor-starters-busbar-b3-accessory-3d-drawing-007.eps

eCAD model

ETN.B3.0_5-PKZ0

Installation instructions

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.

10.13 Mechanical function

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

IL122027ZU

Installation videos

WIN-WIN with push-in technology

mCAD model

b3_0_5_pkz0.stp

b3_0_5_pkz0

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