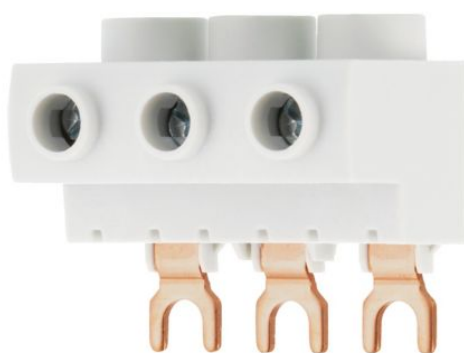


Eaton 032720

Catalog Number: 032720

Eaton Moeller® series PKZ Extension terminal, 3p, 25mm² BK25/3-PKZ0

General specifications



Product Name

Eaton Moeller® series PKZ Connection
clamp

Catalog Number

032720

Model Code

BK25/3-PKZ0

EAN

4015080327202

Product Length/Depth

25 mm

Product Height

38 mm

Product Width

45 mm

Product Weight

0.041 kg

Certifications

CSA Class No.: 3211-05

UL

CSA-C22.2 No. 14

CSA File No.: 165628

CSA

CE

UL 508

UL Category Control No.: NLRV

UL File No.: E36332

IEC/EN 60947-4-1

General

Accessory/spare part type

Connection terminal

Product category

Accessories

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

Design verification

Equipment heat dissipation, current-dependent P_{vid}

5.4 W

Heat dissipation capacity P_{diss}

0 W

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

1.8 W

Rated operational current for specified heat dissipation (I_n)

63 A

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

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.

Resources

Brochures

Motor-Protective Circuit-Breaker PKE - brochure

Motor Starters in System xStart - brochure

PKE – Communication module Modbus RTU

Catalogues

Product Range Catalog Switching and protecting motors

Certification reports

DA-DC-00004245.pdf

DA-DC-00004601.pdf

DA-DC-00004109.pdf

DA-DC-00004544.pdf

Declarations of conformity

DA-DC-00004917.pdf

DA-DC-00004918.pdf

DA-DC-00004888.pdf

DA-DC-00004890.pdf

DA-DC-00004883.pdf

DA-DC-00004892.pdf

DA-DC-00004879.pdf

DA-DC-00004911.pdf

DA-DC-00004945.pdf

DA-DC-00004884.pdf

DA-DC-00004950.pdf

DA-DC-00004891.pdf

DA-DC-00004920.pdf

DA-DC-00004944.pdf

DA-DC-00004962.pdf

DA-DC-00004914.pdf

DA-DC-00004887.pdf

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.

10.13 Mechanical function

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

[DA-DC-00004921.pdf](#)

[DA-DC-00004851.pdf](#)

[DA-DC-00004787.pdf](#)

Drawings

[eaton-manual-motor-starters-terminals-pkz-connection-clamp-dimensions-002.eps](#)

[eaton-manual-motor-starters-pkz-connection-clamp-dimensions-002.eps](#)

[eaton-manual-motor-starters-terminals-pkz-connection-clamp-3d-drawing-002.eps](#)

eCAD model

[DA-CE-ETN.BK25_3-PKZ0](#)

Installation instructions

[IL122027ZU](#)

Installation videos

[WIN-WIN with push-in technology](#)

[Video Motor Protective Circuit Breaker PKE](#)

mCAD model

[DA-CS-bk25_3_pkz0](#)

[DA-CD-bk25_3_pkz0](#)



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