Specifications

Eaton 072906

Catalog Number: 072906

Eaton Moeller® series E-PKZ0 Insulated enclosure, E-PKZ0, H x W x D = 129 x 85 x 96 mm, flush-mounted, cutout with standard dimension, IP41



General specifications

Product Name

Eaton Moeller® series E-PKZ0 Accessory Insulated enclosure

Catalog Number

072906

EAN

4015080729068

Product Length/Depth

96 mm

Product Height

129 mm

Product Width

85 mm

Product Weight

0.16 kg

Certifications

CE
UL Category Control No.: NLRV
CSA-C22.2 No. 14
CSA
CSA File No.: 165628
IEC/EN 60947-4-1
UL
CSA Class No.: 3211-05
UL File No.: E36332
UL 508

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Features & Functions

Enclosure material

Plastic

Fitted with:

Cover with aperture dimensioned to accommodate front of breaker

PE(N) terminal

General

Degree of protection (front side)

IP40

Model

Built-in

Product category

Accessories

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

40 °C

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 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

Please enquire

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.

10.13 Mechanical function

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

Resources

Brochures

eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf

Catalogs

Switching and protecting motors - catalog

Product Range Catalog Switching and protecting motors

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Declarations of conformity

CE CI..-PKZ.. Surface mounted enclosures and accessories PKZ

UKCA CI..-PKZ.. Surface mounted enclosures and accessories PKZ

Drawings

eaton-manual-motor-starters-enclosure-e-pkz0-accessory-dimensions-003.eps

eaton-manual-motor-starters-mounting-e-pkz0-accessory-dimensions.eps

eaton-manual-motor-starters-enclosure-e-pkz0-accessory-dimensions-002.eps

eaton-manual-motor-starters-enclosure-e-pkz0-accessory-dimensions.eps

eaton-manual-motor-starters-enclosure-e-pkz0-accessory-3d-drawing-002.eps

eCAD model

DA-CE-ETN.E-PKZ0

Installation instructions

IL03402029Z

Installation videos

WIN-WIN with push-in technology

mCAD model

DA-CS-e_pkz0

DA-CD-e_pkz0

Sales notes

eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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