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E-PKZO - Insulated enclosure, E-PKZO, H x W x D = 129 x 85 x 96 mm, flush-mounted, cutout with standard dimension, IP41



072906 E-PKZO

[Overview](#) [Specifications](#) [Resources](#)



072906 E-PKZO

Insulated enclosure, E-PKZO, H x W x D = 129 x 85 x 96 mm, flush-mounted, cutout with standard dimension, IP41

Alternate Catalog No.

XTPAXENCF40

EL-Nummer (Norway)

4355093

Insulated enclosure for flush mounting, for PKZMD, cover with aperture dimensioned to accommodate front of breaker, degree of protection IP40 integrated terminal for PE(N) connection.

- Delivery program

Design verification as per IEC/EN 61439

- Technical data ETIM 7.0

- Approvals

- Dimensions

Delivery program

Product range

Accessories

Subrange

Installation enclosures

Accessories

Insulated enclosures for PKZ

Cover with aperture dimensioned to accommodate front of breaker

Degree of Protection

Front IP40

For use with

PKZMD-... +NH or U or A +L-PKZO (2 off)

Notes

With integrated PE(N) terminal.

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_n]

0 A

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

0 W

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

0 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.

+40 °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

Please enquire

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) / Empty enclosure for switchgear (EC000712)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss10.0.1-27-37-13-01 [AKN343014])

Material housing

Plastic

Width

85 mm

Height

129 mm

Depth

80 mm

With transparent cover

No

Suitable for emergency stop

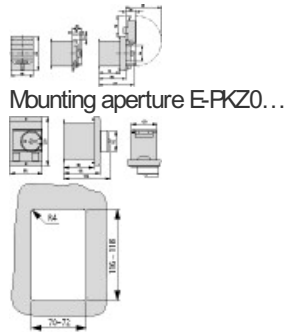
No

Model
Built-in
Degree of protection (IP)
IP40
Degree of protection (NEMA)
Other

Approvals

Product Standards
UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
UL File No.
E36332
UL Category Control No.
NLRV
CSA File No.
165628
CSA Class No.
3211-05
North America Certification
UL listed, CSA certified
Specially designed for North America
No

Dimensions



CAD data

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

DWG files

- [DA-CD-e_pkz0](#)
File
(Web)

edz files

- [DA-CE-ETN.E-PKZ0](#)
File
(Web)

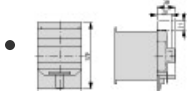
Step files

- [DA-CS-e_pkz0](#)
File
(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)

Dimensions single product



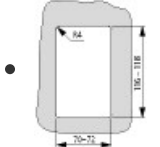
121X023

Line drawing
Insulated enclosures for flush mounting



121X027

Line drawing
Insulated enclosures for flush mounting



121X028

Line drawing
Insulated enclosure mounting, mounting aperture



121X085

Line drawing
Insulated enclosures

3D drawing

- 121I019
Line drawing
Insulated enclosures for flush mounting

Product photo



121A106

Photo
Insulated enclosures for flush mounting

Instruction Leaflet

- Insulated enclosure for flush mounting of Mtor-protective circuit-breakers (IL03402029Z)
Asset
former AWA121-1327, Pub51182
(PDF, 08/2020, multilingual)

Declaration of Conformity

UK

- Surface Mounted Enclosures + Accessories PKZ... (DA-DC-00004012)
Asset
(PDF)

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