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E-PKZ01 - Insulated enclosure, E-PKZ0, Hx W x D = 129 x 90 x 115 mm, flush-mounted



281633 E-PKZ01

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## 281633 E-PKZ01

Insulated enclosure, E-PKZ0, Hx W x D = 129 x 90 x 115 mm, flush-mounted

Alternate Catalog No.

XTPBXENCF40

EL-Nummer (Norway)

4365004

Motor-protective circuit-breaker enclosure for direct integration into the machine

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### Delivery program

Product range  
Accessories  
Subrange  
Installation enclosures  
Accessories  
Insulated enclosures for PKZ  
Degree of Protection  
Front IP40  
For use with  
PKZM01  
+NH-E or VH-PKZ01  
+U or A or NH  
+L (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 [ $P_{id}$ ]  
0 W  
Equipment heat dissipation, current-dependent [ $P_{id}$ ]  
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 (NEVA)  
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\\_pkz01](#)  
File  
(Web, Language independent)

## edz files

- [DA-CE-ETNE-PKZ01](#)  
File  
(Web)

## Step files

- [DA-CS-e\\_pkz01](#)  
File  
(Web, Language independent)

## 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

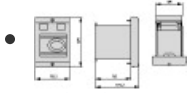


3211048

Line drawing

Insulated enclosures for flush mounting

## Dimensions single product



321X016

Line drawing

Insulated enclosures for flush mounting

## Product photo

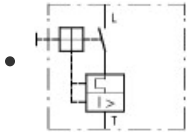


321A014

Photo

for motor protection for flush mounting

## Wiring diagram



121S003

Line drawing

Transformer-protective circuit-breakers

## Instruction Leaflet

- [IL03407018Z](#)

Asset

IL03407018Z (AWA1210-2134) Enclosures surface/flush mounting for Motor-protective circuit-breaker (PDF, multilingual)

## Standards

- 

000Z153

Logo

xStart logo

## Declaration of Conformity

### UK

- [Surface Mounted Enclosures + Accessories PKZ... \(DA-DC-00004012\)](#)

Asset

(PDF)

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