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E-PKZ01-G - Insulated enclosure, E-PKZ0, H x W x D = 129 x 90 x 115 mm, flush-mounted, + activation membrane



281634 E-PKZ01-G

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## 281634 E-PKZ01-G

Insulated enclosure, E-PKZ0, H x W x D = 129 x 90 x 115 mm, flush-mounted, + activation membrane

Alternate Catalog No.

XTPBXENCF55

EL-Nummer (Norway)

4365005

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

- [Delivery program](#)
- [Design verification as per IEC/EN 61439](#)
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### Delivery program

Product range  
Accessories  
Subrange  
Installation enclosures  
Accessories  
Insulated enclosures for PKZ  
with operating membrane  
Degree of Protection  
Front IP65  
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 [ $I_r$ ]  
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 [ $P_{\text{vs}}$ ]  
 0 W  
 Heat dissipation capacity [ $P_{\text{diss}}$ ]  
 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

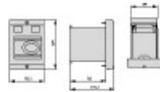
Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)  
 Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss 10.0.1-27-37-13-01 [AKN343014])  
 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)  
IP65  
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\\_pkz01\\_g](#)  
File  
(Web, Language independent)

## edz files

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

## Step files

- [DA-CS-e\\_pkz01\\_g](#)  
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

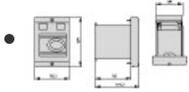


321I049

Line drawing

Insulated enclosure for installation with actuator diaphragm

## Dimensions single product

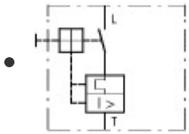


321X016

Line drawing

Insulated enclosures for flush mounting

## Wiring diagram



121S003

Line drawing

Transformer-protective circuit-breakers

## Product photo



1210PIC-446

Photo

## 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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