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Worldwide English



Powering Business Worldwide

E-PKZ01-PVT - Insulated enclosure, E-PKZ0, H x W x D = 129 x 90 x 176 mm, flush-mounted, + emergency stop mushroom button



281636 E-PKZ01-PVT

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



281636 E-PKZ01-PVT

Insulated enclosure, E-PKZ0, H x W x D = 129 x 90 x 176 mm, flush-mounted, + emergency stop mushroom button

Alternate Catalog No.

XTPBXENCFS55

EL-Nummer (Norway)

4365007

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

- [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
with emergency switching off mushroom push-button
maintained
Degree of Protection
Front IP65
For use with
PKZM01
+NH-E or VH-PKZ01
+U or A
+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

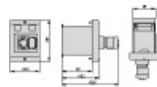
Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss10.0.1-27-37-13-01 [AKN343014])
Material housing
Plastic
Width
85 mm
Height
129 mm

Depth
80 mm
With transparent cover
No
Suitable for emergency stop
Yes
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_pvs](#)
File
(Web)

edz files

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

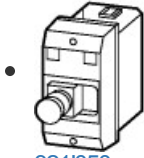
Step files

- [DA-CS-e_pkz01_pvs](#)
File
(Web)

Additional product information

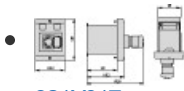
- [Motor starters and "Special Purpose Ratings" for the North American market](#)
(PDF)
- [Busbar Component Adapters for modern Industrial control panels](#)
(PDF)

3D drawing



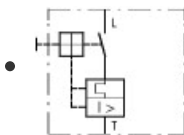
321I050
Line drawing
Insulated enclosure for mounting with Emergency-Stop

Dimensions single product



321X017
Line drawing
Insulated enclosures for flush mounting

Wiring diagram



121S003
Line drawing
Transformer-protective circuit-breakers

Product photo



1210PIC-445
Photo

Instruction Leaflet

- [IL03407018Z](#)
Asset
IL03407018Z (AWA1210-2134) Enclosures surface/flush mounting for Mbotor-protective circuit-breaker (PDF, multilingual)

Standards

- 
[000Z153](#)
Logo
xStart logo

Symbol



1160SFC-79
Graphic
Button plate red, red arrows

Declaration of Conformity

UK

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

Download-Center

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