

# Specifications



## Eaton 281407

Eaton Moeller® series CI Insulated enclosure, IP65\_x, +emergency switching off mushroom push-button, key-actuated, for PKZ01

### General Specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series CI Insulated enclosure
<b>CATALOG NUMBER</b>	281407
<b>PRODUCT LENGTH/DEPTH</b>	177 mm
<b>PRODUCT HEIGHT</b>	158 mm
<b>PRODUCT WIDTH</b>	80 mm
<b>PRODUCT WEIGHT</b>	0.35 kg
<b>COMPLIANCES</b>	CE
<b>CATALOG NOTES</b>	Not suitable for PKZM0...-PI / PKZM0...-SPI32
<b>EAN</b>	4015082814076
<b>MODEL CODE</b>	CI-PKZ01-PVS



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## Product specifications

<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.

## Resources

<b>BROCHURES</b>	<a href="#">Brochure - CI-K small enclosures</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">UKCA CI..-PKZ.. Surface mounted enclosures and accessories PKZ</a> <a href="#">CE CI..-PKZ.. Surface mounted enclosures and accessories PKZ</a>
<b>DRAWINGS</b>	<a href="#">eaton-small-enclosures-enclosure-ci-insulated-enclosure-dimensions-002.eps</a> <a href="#">eaton-small-enclosures-enclosure-ci-insulated-enclosure-3d-drawing-003.eps</a>
<b>ECAD MODEL</b>	<a href="#">DA-CE-ETN.CI-PKZ01-PVS</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL03407018Z2021_10.pdf</a>
<b>MCAD MODEL</b>	<a href="#">DA-CS-ci_pkz01_pvs</a> <a href="#">DA-CD-ci_pkz01_pvs</a>
<b>WIRING DIAGRAMS</b>	<a href="#">eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps</a>

<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>FITTED WITH:</b>	PE(N) terminal Emergency switching off mushroom push-button Key-release
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	10 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0 W
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>PRODUCT CATEGORY</b>	Accessories
<b>DEGREE OF PROTECTION</b>	IP65 NEMA Other
<b>MODEL</b>	Surface mounting

SUITABLE FOR	Emergency stop
KNOCKOUTS	2 x M25 (cable entry knockout with thread at the top)
	2 x M25 (cable entry knockout with thread at the bottom)
	Hard mirror with cable entry knockouts (can be cut out)
	2 x M20 (cable entry knockouts at the rear)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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