

Specifications



Eaton 281636

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

General specifications

PRODUCT NAME	Eaton Moeller® series E-PKZ0 Accessory Insulated enclosure
CATALOG NUMBER	281636
MODEL CODE	E-PKZ01-PVT
EAN	4015082816360
PRODUCT LENGTH/DEPTH	176 mm
PRODUCT HEIGHT	129 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.319 kg
CERTIFICATIONS	CE UL 508 CSA CSA-C22.2 No. 14 UL UL File No.: E36332 IEC/EN 60947-4-1 CSA Class No.: 3211-05 UL Category Control No.: NLRV CSA File No.: 165628



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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C

Design verification

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
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STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
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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.

10.2.2 CORROSION RESISTANCE Meets the product standard's requirements.

10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES Meets the product standard's requirements.

10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT Meets the product standard's requirements.

10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS Meets the product standard's requirements.

10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION Please enquire

10.2.5 LIFTING Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 MECHANICAL IMPACT Does not apply, since the entire switchgear needs to be evaluated.

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.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W

Features & functions

ENCLOSURE MATERIAL	Plastic
FITTED WITH:	PE(N) terminal Emergency switching off mushroom push-button
FUNCTIONS	Maintained

General information

DEGREE OF PROTECTION	IP65 NEMA Other
DEGREE OF PROTECTION (FRONT SIDE)	IP65
MODEL	Built-in
PRODUCT CATEGORY	Accessories
SUITABLE FOR	Emergency stop

Resources

BROCHURES	eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf
	eaton-push-in-technology-product-overview-brochure-br034012-en-us.pdf
CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DRAWINGS	eaton-small-enclosures-enclosure-e-pkz0-accessory-dimensions-002.eps
	eaton-operating-button-symbol.eps
	eaton-small-enclosures-enclosure-e-pkz0-accessory-3d-drawing-003.eps
ECAD MODEL	DA-CE-ETN.E-PKZ01-PVT
INSTALLATION INSTRUCTIONS	eaton-enclosure-surface-flush-mounting-il03407018z.pdf
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	DA-CS-e_pkz01_pvs
	eaton-enclosures-mcad-drawings-e-pkz01-pvs.dwg
SALES NOTES	eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf
WIRING DIAGRAMS	eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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