Specifications



Photo is representative

Eaton 281406

Eaton Moeller® series CI Insulated enclosure, IP65_x, +emergency switching off mushroom push-button, for PKZ01

General specifications	
PRODUCT NAME	Eaton Moeller® series CI Insulated enclosure
CATALOG NUMBER	281406
MODEL CODE	CI-PKZ01-PVT
EAN	4015082814069
PRODUCT LENGTH/DEPTH	177 mm
PRODUCT HEIGHT	158 mm
PRODUCT WIDTH	80 mm
PRODUCT WEIGHT	0.3 kg
COMPLIANCES	CE
CATALOG NOTES	Not suitable for PKZM0…-PI / PKZM0…-SPI32

Product specifications

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.

Resources

BROCHURES	Brochure - CI-K small enclosures
DECLARATIONS OF CONFORMITY	eaton-insulated-enclosure-declaration-of-conformity-eu250669en.pdf eaton-insulated-enclosure-declaration-of-conformity-uk251152en.pdf
DRAWINGS	eaton-small-enclosures-enclosure-ci-insulated-enclosure-dimensions-002.eps eaton-small-enclosures-enclosure-ci-insulated-enclosure-3d-drawing-003.eps
ECAD MODEL	ETN.CI-PKZ01-PVT
INSTALLATION INSTRUCTIONS	eaton-enclosure-surface-flush-mounting-il03407018z.pdf
MCAD MODEL	eaton-enclosures-mcad-drawings-ci-pkz01-pvt.dwg DA-CS-ci_pkz01_pvt
WIRING DIAGRAMS	eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps

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.
FITTED WITH:	PE(N) terminal Emergency switching off mushroom push-button
ENCLOSURE MATERIAL	Plastic
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	10 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	Accessories
DEGREE OF PROTECTION	IP65 NEMA Other
MODEL	Surface mounting
SUITABLE FOR	Emergency stop
FUNCTIONS	Maintained
KNOCKOUTS	2 x M25 (cable entry knockout with thread at the bottom) 2 x M25 (cable entry knockout with thread at the top) 2 x M20 (cable entry knockouts at the rear) Hard mirror with cable entry knockouts (can be cut out)

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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