Specifications



Eaton 281404

Eaton Moeller® series CI Insulated enclosure, IP65_x, +operating membrane, for PKZ01

General specifications	
PRODUCT NAME	Eaton Moeller® series CI Insulated enclosure
CATALOG NUMBER	281404
MODEL CODE	CI-PKZ01-G
EAN	4015082814045
PRODUCT LENGTH/DEPTH	116.5 mm
PRODUCT HEIGHT	158 mm
PRODUCT WIDTH	80 mm
PRODUCT WEIGHT	0.25 kg
CERTIFICATIONS	CE
CATALOG NOTES	Not suitable for PKZM0…-PI / PKZM0…-SPI32

Product specifications

USED WITH	PKZ series
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	Is the panel builder's responsibility.

Resources

BROCHURES	Brochure - CI-K small enclosures
DECLARATIONS OF CONFORMITY	eaton-insulated-enclosure-declaration-of-conformity-uk251152en.pdf eaton-insulated-enclosure-declaration-of-conformity-eu250669en.pdf
DRAWINGS	eaton-small-enclosures-enclosure-ci-insulated-enclosure-dimensions.eps eaton-small-enclosures-enclosure-ci-insulated-enclosure-3d-drawing-002.eps
ECAD MODEL	ETN.CI-PKZ01-G
INSTALLATION INSTRUCTIONS	eaton-enclosure-surface-flush-mounting-il03407018z.pdf
MCAD MODEL	eaton-breakers-mcad-drawings-ci-pkz01-g.dwg DA-CS-ci_pkz01_g
WIRING DIAGRAMS	eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps

CONDUCTORS	
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 Operating membrane
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
KNOCKOUTS	Hard mirror with cable entry knockouts (can be cut out) 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)

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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