

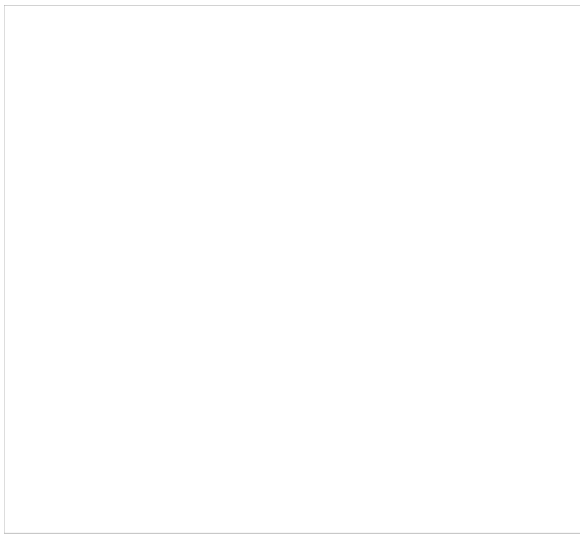
CI-K GENERAL PURPOSE SMALL ENCLOSURES, MOELLER SERIES
281404


Overview


Specifications


Resources

How to



281404

Eaton Moeller® series CI Insulated enclosure, IP65 for PKZ01

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Designed to work together

Discover other Eaton products and accessories built to enhance this product.

082157

Eaton Moeller® series L-PKZ0 Indicator light, red, 230V neon lamp

082155

Eaton Moeller® series L-PKZ0 Indicator light, green, 400V neon lamp

082152

Eaton Moeller® series L-PKZ0 Indicator light, white, 400V neon lamp

082154

Eaton Moeller® series L-PKZ0 Indicator light, green, 230V neon lamp

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton Moeller® series CI Insulated enclosure
		CATALOG NUMBER	281404
Product specifications	>	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

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
PRODUCT CATEGORY	Accessories
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	10 W
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be lifted.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
FITTED WITH:	PE(N) terminal Operating membrane
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.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
DEGREE OF PROTECTION	IP65 NEMA Other
AMBIENT OPERATING TEMPERATURE - MAX	70 °C

10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise. Eaton will provide heat dissipation data for the device.
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
ENCLOSURE MATERIAL	Plastic
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)
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be replaced.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be replaced.
USED WITH	PKZ series
MODEL	Surface mounting
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instructions in the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be replaced.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be replaced.
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W

Compliance information

Drawings

eCAD model

Installation instructions

mCAD model

Wiring diagrams

281404



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.