Specifications

Eaton 281634

Eaton Moeller® series E-PKZ0 Insulated enclosure, E-PKZ0, H x W x D = 129 x 90 x 115 mm, flush-mounted, + activation membrane

General specifications

PRODUCT NAME	Eaton Moeller® series E-PKZ0 Accessory Insulated enclosure
CATALOG NUMBER	281634
MODEL CODE	E-PKZ01-G
EAN	4015082816346
PRODUCT LENGTH/DEPTH	115 mm
PRODUCT HEIGHT	129 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.238 kg
CERTIFICATIONS	UL 508 CSA-C22.2 No. 14 IEC/EN 60947-4-1 UL CSA Class No.: 3211-05 UL Category Control No.: NLRV CSA CSA File No.: 165628 CE UL File No.: E36332

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Features & Functions

ENCLOSURE MATERIAL	Plastic
FITTED WITH:	PE(N) terminal Operating membrane

Climatic environmental conditions

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

General

MODEL	Built-in
PRODUCT CATEGORY	Accessories

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 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
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	Does not apply, since the entire switchgear needs to

ASSEMBLIES	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.
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.

Resources

BROCHURES	eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf
CATALOGUES	Product Range Catalog Switching and protecting motors eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	CE CI..-PKZ.. Surface mounted enclosures and accessories PKZ UKCA CI..-PKZ.. Surface mounted enclosures and accessories PKZ
DRAWINGS	eaton-small-enclosures-enclosure-e-pkz0-accessory-dimensions.eps eaton-small-enclosures-enclosure-e-pkz0-accessory-3d-drawing-002.eps
ECAD MODEL	ETN.E-PKZ01-G
INSTALLATION INSTRUCTIONS	IL03407018Z2021_10.pdf
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	e_pkz01_g.stp e_pkz01_g.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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