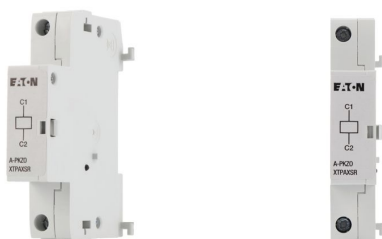


Specifications



Photo is representative



Eaton 073187

Eaton Moeller® series A-PKZ0 Shunt release
PKZ0(4), PKE, AC, 230 V 50 Hz, Screw
terminals

General specifications

PRODUCT NAME	Eaton Moeller® series PKZ Shunt release
CATALOG NUMBER	073187
MODEL CODE	A-PKZ0(230V50HZ)
EAN	4015080731870
PRODUCT LENGTH/DEPTH	68 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	24 mm
PRODUCT WEIGHT	0.13 kg
CERTIFICATIONS	CE CSA-C22.2 No. 14 CSA File No.: 165628 CSA UL File No.: E36332 CSA Class No.: 3211-05 IEC/EN 60947-4-1 UL 508 UL Category Control No.: NLRV UL

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	55 °C
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AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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Contacts

NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
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NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
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NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0
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Design verification

**RATED OPERATIONAL
CURRENT FOR SPECIFIED
HEAT DISSIPATION (IN)** 0 A

**STATIC HEAT
DISSIPATION, NON-
CURRENT-DEPENDENT
PVS** 0.5 W

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** Meets the product standard's requirements.

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

Electrical rating

**RATED OPERATIONAL
VOLTAGE (UE) AT AC -
MAX** 480 V

**RATED OPERATIONAL
VOLTAGE (UE) AT AC -
MIN** 42 V

**RATED OPERATIONAL
VOLTAGE (UE) AT DC -
MAX** 250 V

**RATED OPERATIONAL
VOLTAGE (UE) AT DC -
MIN** 24 V

	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

General information

ELECTRIC CONNECTION TYPE	Screw connection
MOUNTING POSITION	Can be fitted to left side of the motor protection switch
PRODUCT CATEGORY	Accessories
SUITABLE FOR	Motor safety switch
USED WITH	Motor protective circuit-breaker
VOLTAGE TYPE	AC

Magnet system

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX 230 V

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN 230 V

Power consumption

POWER CONSUMPTION, PICK-UP, 50 HZ	5 VA, Pull-in power, Coil in a cold state and 1.0 x Us
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POWER CONSUMPTION, PICK-UP, 60 HZ	5 VA, Pull-in power, Coil in a cold state and 1.0 x Us
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POWER CONSUMPTION, SEALING, 50 HZ	3 VA, Coil in a cold state and 1.0 x Us
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POWER CONSUMPTION, SEALING, 60 HZ	3 VA, Coil in a cold state and 1.0 x Us
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Terminal capacities

TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)	2 x (0.75 - 2.5) mm ² 1 x (0.75 - 2.5) mm ²
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TERMINAL CAPACITY (SOLID/STRANDED AWG)	1 x (18 - 14) 2 x (18 - 14)
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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
	Product Range Catalog Switching and protecting motors
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251155en.pdf
	eaton-accessory-declaration-of-conformity-eu250672en.pdf
DRAWINGS	eaton-manual-motor-starters-release-u-pkz0-accessory-dimensions.eps
	eaton-manual-motor-starters-shunt-releases-u-pkz0-accessory-3d-drawing.eps
	eaton-manual-motor-starters-release-u-pkz0-accessory-3d-drawing.eps
ECAD MODEL	ETN.073187.edz
INSTALLATION INSTRUCTIONS	IL03402034Z
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	DA-CS-a_pkz
	eaton-undervoltage-releases-mcad-drawings-a-pkz.dwg
SALES NOTES	eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf
WIRING DIAGRAMS	eaton-manual-motor-starters-release-a-pkz0-shunt-release-wiring-diagram.eps

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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