

Specifications



Photo is representative



Eaton 073203

Eaton Moeller® series A-PKZ0 Shunt release (for power circuit breaker), 110 V DC, Standard voltage, DC, Screw terminals, For use with: Shunt release PKZ0(4), PKE

General specifications

PRODUCT NAME	Eaton Moeller® series PKZ Shunt release
CATALOG NUMBER	073203
MODEL CODE	A-PKZ0(110VDC)
EAN	4015080732037
PRODUCT LENGTH/DEPTH	68 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	24 mm
PRODUCT WEIGHT	0.126 kg
CERTIFICATIONS	CE UL Category Control No.: NLRV CSA CSA Class No.: 3211-05 CSA-C22.2 No. 14 CSA File No.: 165628 UL 508 UL File No.: E36332 IEC/EN 60947-4-1 UL

Features & Functions

ELECTRIC CONNECTION TYPE	Screw connection
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Ambient conditions, mechanical

MOUNTING POSITION	Can be fitted to left side of the motor protection switch
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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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General

PRODUCT CATEGORY	Accessories
SUITABLE FOR	Motor safety switch
USED WITH	Motor protective circuit-breaker
VOLTAGE TYPE	DC

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT OPERATING TEMPERATURE - MAX	55 °C
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Electrical rating

OPERATIONAL VOLTAGE	0.7- 1.1 x U _s (DC) Short-time operation 5 s 0.7 - 1.1 x U _s (AC)
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	42 V
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	480 V
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	24 V
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 V
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Magnet system

OPERATIONAL VOLTAGE	0.7- 1.1 x Us (DC) Short-time operation 5 s 0.7 - 1.1 x Us (AC)
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	0 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	110 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	110 V
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Power consumption

POWER CONSUMPTION (PICK-UP) AT DC	3 W
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POWER CONSUMPTION (SEALING) AT DC	0.5 W
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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

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
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HEAT DISSIPATION CAPACITY PDISS	0 W
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HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
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RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
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STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0.5 W
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10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
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10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
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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 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.
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](#)

[eaton-motor-protective-circuit-breaker-pke-and-communication-module-pke-brochure-w12107613en-en-us.pdf](#)

CATALOGUES

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

[Product Range Catalog Switching and protecting motors](#)

[eaton-accessory-declaration-of-conformity-uk251155en.pdf](#)

[DA-DC-00005031.pdf](#)

[DA-DC-00005040.pdf](#)

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DECLARATIONS OF CONFORMITY

[DA-DC-00004916.pdf](#)

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DRAWINGS

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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.073203.edz
INSTALLATION INSTRUCTIONS	IL03402034Z
INSTALLATION VIDEOS	WIN-WIN with push-in technology Video Motor Protective Circuit Breaker PKE
MCAD MODEL	DA-CS-a_pkz DA-CD-a_pkz
SALES NOTES	eaton-pke-modbus-rtu-modul-flyer-fl034008en-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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