

# Specifications



Photo is representative



## Eaton 073186

Eaton Moeller® series A-PKZ0 Shunt release (for power circuit breaker), 220 V 50 Hz, Standard voltage, AC, Screw terminals, For use with: Shunt release PKZ0(4), PKE

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series PKZ Shunt release
<b>CATALOG NUMBER</b>	073186
<b>MODEL CODE</b>	A-PKZ0(220V50HZ)
<b>EAN</b>	4015080731863
<b>PRODUCT LENGTH/DEPTH</b>	68 mm
<b>PRODUCT HEIGHT</b>	90 mm
<b>PRODUCT WIDTH</b>	24 mm
<b>PRODUCT WEIGHT</b>	0.13 kg
<b>CERTIFICATIONS</b>	CSA CE UL File No.: E36332 UL CSA Class No.: 3211-05 CSA File No.: 165628 CSA-C22.2 No. 14 UL 508 UL Category Control No.: NLRV IEC/EN 60947-4-1

## Features & Functions

<b>ELECTRIC CONNECTION TYPE</b>	Screw connection
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## Ambient conditions, mechanical

<b>MOUNTING POSITION</b>	Can be fitted to left side of the motor protection switch
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## Terminal capacities

<b>TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)</b>	1 x (0.75 - 2.5) mm <sup>2</sup> 2 x (0.75 - 2.5) mm <sup>2</sup>
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<b>TERMINAL CAPACITY (SOLID/STRANDED AWG)</b>	1 x (18 - 14) 2 x (18 - 14)
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## General

<b>PRODUCT CATEGORY</b>	Accessories
<b>SUITABLE FOR</b>	Motor safety switch
<b>USED WITH</b>	Motor protective circuit-breaker
<b>VOLTAGE TYPE</b>	AC

## Climatic environmental conditions

<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
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<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
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## Electrical rating

<b>OPERATIONAL VOLTAGE</b>	0.7 - 1.1 x U <sub>s</sub> (AC) 0.7- 1.1 x U <sub>s</sub> (alternating voltage) 0.7- 1.1 x U <sub>s</sub> (DC)
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<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN</b>	42 V
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<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>	480 V
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<b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN</b>	24 V
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<b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX</b>	250 V
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## Magnet system

<b>OPERATIONAL VOLTAGE</b>	0.7 - 1.1 x Us (AC)
	0.7- 1.1 x Us (alternating voltage)
	0.7- 1.1 x Us (DC)

<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b>	220 V
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<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b>	220 V
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<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b>	0 V
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<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX</b>	0 V
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<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN</b>	0 V
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<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX</b>	0 V
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## Power consumption

<b>POWER CONSUMPTION, PICK-UP, 50 HZ</b>	5 VA, Pull-in power, Coil in a cold state and 1.0 x Us
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<b>POWER CONSUMPTION, PICK-UP, 60 HZ</b>	5 VA, Pull-in power, Coil in a cold state and 1.0 x Us
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<b>POWER CONSUMPTION, SEALING, 50 HZ</b>	3 VA, Coil in a cold state and 1.0 x Us
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<b>POWER CONSUMPTION, SEALING, 60 HZ</b>	3 VA, Coil in a cold state and 1.0 x Us
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## Contacts

<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
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<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
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<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
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## Design verification

<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
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<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
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<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0 W
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<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
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<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0.5 W
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<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
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<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
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<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS</b>	Meets the product standard's requirements.
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<b>TO NORMAL HEAT</b>	
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the

	switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Resources

### BROCHURES

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

[eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf](#)

### CATALOGUES

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

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

[DA-DC-00004230.pdf](#)

[DA-DC-00004937.pdf](#)

[DA-DC-00004316.pdf](#)

[DA-DC-00004972.pdf](#)

[DA-DC-00004890.pdf](#)

[DA-DC-00004992.pdf](#)

[DA-DC-00004851.pdf](#)

[DA-DC-00005041.pdf](#)

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

[DA-DC-00004918.pdf](#)

[DA-DC-00004889.pdf](#)

### DECLARATIONS OF CONFORMITY

[DA-DC-00004920.pdf](#)

[DA-DC-00004917.pdf](#)

[DA-DC-00004976.pdf](#)

[DA-DC-00004787.pdf](#)

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[DA-DC-00004996.pdf](#)

[DA-DC-00004952.pdf](#)

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**DRAWINGS**

[eaton-manual-motor-  
starters-release-u-pkz0-  
accessory-dimensions.eps](#)

[eaton-manual-motor-  
starters-release-u-pkz0-  
accessory-3d-drawing.eps](#)

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	<a href="#">eaton-manual-motor-starters-shunt-releases-u-pkz0-accessory-3d-drawing.eps</a>
ECAD MODEL	<a href="#">ETN.073186.edz</a>
INSTALLATION INSTRUCTIONS	<a href="#">IL03402034Z</a>
INSTALLATION VIDEOS	<a href="#">Video Motor Protective Circuit Breaker PKE</a> <a href="#">WIN-WIN with push-in technology</a>
MCAD MODEL	<a href="#">DA-CS-a_pkz</a> <a href="#">DA-CD-a_pkz</a>
SALES NOTES	<a href="#">eaton-pke-modbus-rtu-modul-flyer-fl034008en-en-us.pdf</a>
WIRING DIAGRAMS	<a href="#">eaton-manual-motor-starters-release-a-pkz0-shunt-release-wiring-diagram.eps</a>

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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