

# Eaton 189905

Catalog Number: 189905

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 3p, Ir=10-16A, screw connection



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series PKZM0 Motor-protective circuit-breaker	189905
	<b>Model Code</b>
	PKZM0-16-EA
<b>EAN</b>	<b>Product Length/Depth</b>
4015081879014	76 mm
<b>Product Height</b>	<b>Product Width</b>
93 mm	45 mm
<b>Product Weight</b>	<b>Compliances</b>
0.292 kg	RoHS conform
	CE Marked

## Features & Functions

### Actuator type

Turn button

### Functions

Phase failure sensitive

### Number of poles

Three-pole

## Electrical rating

Rated operational power at AC-3, 220/230 V, 50 Hz

4 kW

Rated operational power at AC-3, 380/400 V, 50 Hz

7.5 kW

Rated operational voltage (Ue) - min

690 V

Rated operational voltage (Ue) - max

690 V

Rated uninterrupted current (Iu)

16 A

## Short-circuit rating

### Short-circuit current rating (group protection)

10 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 150 A, 600 V High Fault, Fuse, SCCR (UL/CSA)

10 kA, 600 V High Fault, CB, SCCR (UL/CSA) with 125 A, 600 V High Fault, CB, SCCR (UL/CSA)

50 kA, 600 V High Fault, CB with CL, SCCR (UL/CSA) with 600 A, 600 V High Fault, CB with CL, SCCR (UL/CSA)

50 kA, 600 V High Fault, Fuse with CL, SCCR (UL/CSA) with 600 A, 600 V High Fault, Fuse with CL, SCCR (UL/CSA)

18 kA, 480 V High Fault, CB, SCCR (UL/CSA) with 600 A, 480 V High Fault, CB, SCCR (UL/CSA)

18 kA, 480 V High Fault, Fuse, SCCR (UL/CSA) with 600 A, 480 V High Fault, Fuse, SCCR (UL/CSA)

## Trip blocks

Overload release current setting - min

10 A

Overload release current setting - max

16 A

## Resources

### Catalogues

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

[eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf](#)

Product Range Catalog Switching and protecting motors

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

Switching and protecting motors - catalog

### Characteristic curve

[eaton-manual-motor-starters-pkz-characteristic-curve-002.eps](#)

[eaton-manual-motor-starters-characteristic-characteristic-curve-008.eps](#)

[eaton-manual-motor-starters-characteristic-characteristic-curve-009.eps](#)

### Declarations of conformity

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

### Drawings

[eaton-manual-motor-starters-pkz-dimensions.eps](#)

[eaton-manual-motor-starters-pkz-dimensions-003.eps](#)

[eaton-manual-motor-starters-pkz-dimensions-002.eps](#)

[eaton-manual-motor-starters-pkzm0-3d-drawing-008.eps](#)

[eaton-manual-motor-starters-circuit-breaker-pkzm0-3d-drawing.eps](#)

[eaton-manual-motor-starters-mounting-3d-drawing-002.eps](#)

[eaton-general-ie-ready-dilm-contactor-standards.eps](#)

#### eCAD model

[ETN.189905.edz](#)

#### Installation instructions

[IL034046ZU](#)

#### Installation videos

[WIN-WIN with push-in technology](#)

#### mCAD model

[DA-CS-pkzm0](#)

[DA-CD-pkzm0](#)

#### Wiring diagrams

[eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps](#)



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