

Eaton 189901

Catalog Number: 189901

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 3p, Ir=2.5-4A, screw connection



Photo is representative

General specifications

Product Name	Catalog Number
Eaton Moeller® series PKZM0 Motor-protective circuit-breaker	189901
	Model Code
	PKZM0-4-EA
EAN	Product Length/Depth
4015081878970	76 mm
Product Height	Product Width
93 mm	45 mm
Product Weight	Compliances
0.284 kg	CE Marked
	RoHS conform

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

0.75 kW

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

1.5 kW

Rated operational voltage (Ue) - min

690 V

Rated operational voltage (Ue) - max

690 V

Rated uninterrupted current (Iu)

4 A

Short-circuit rating

Short-circuit current rating (group protection)

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

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

Trip blocks

Overload release current setting - min

2.5 A

Overload release current setting - max

4 A

Resources

Catalogues

Product Range Catalog Switching and protecting motors

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

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

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

[Switching and protecting motors - catalog](#)

Characteristic curve

[eaton-manual-motor-starters-characteristic-characteristic-curve-011.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-002.eps](#)

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

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

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

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

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

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

eCAD model

[ETN.189901.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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