

PKZ MOTOR PROTECTION CIRCUIT BREAKER

044947



Overview



Specifications



Resources

How to buy

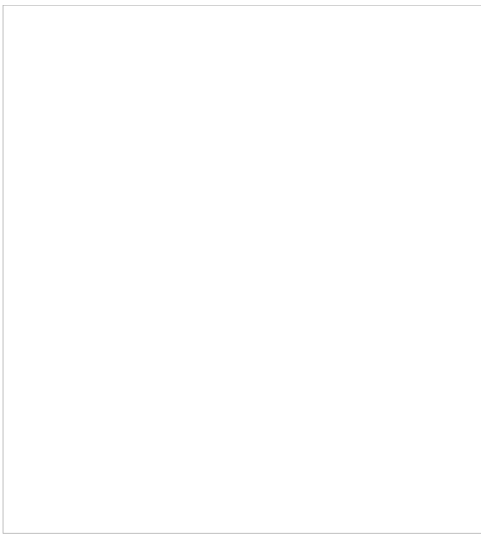


Photo is representative

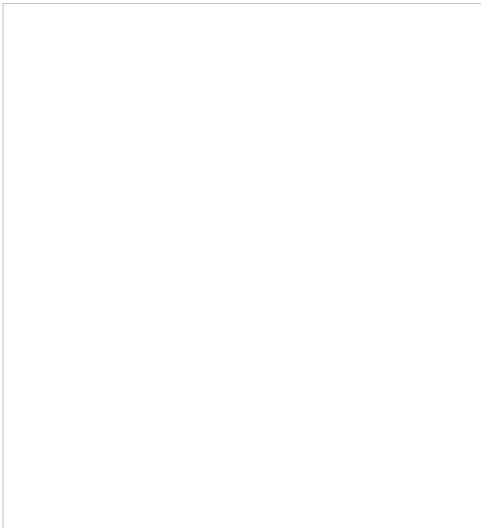


Photo is representative

044947

Eaton Moeller® series B3 Three-phase busbar link, For PKZM0-... or PKE12, PKE32 without side mounted voltage releases

How to buy

- [Learn about our Push-in terminals](#)
- [Configure Motor Start Combination](#)

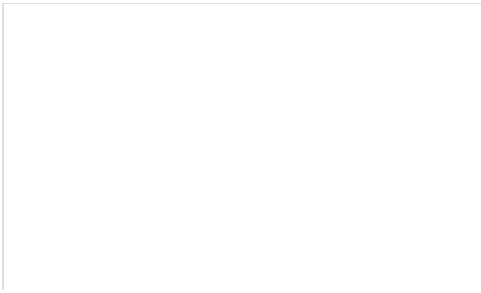


Photo is representative

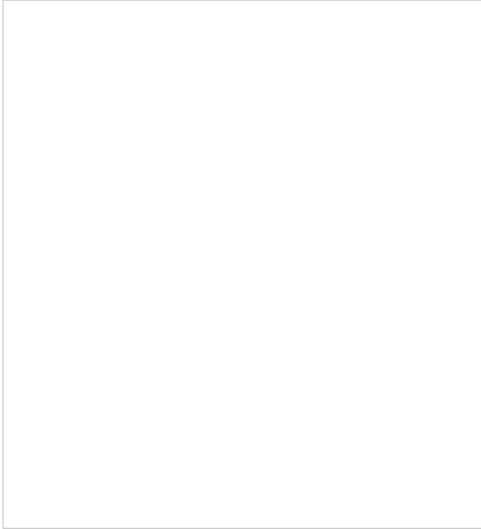


Photo is representative

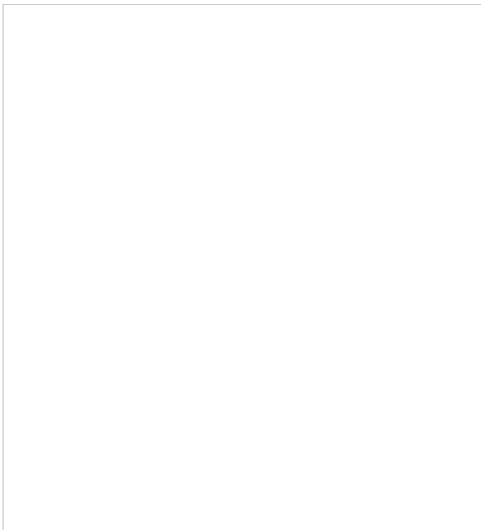


Photo is representative

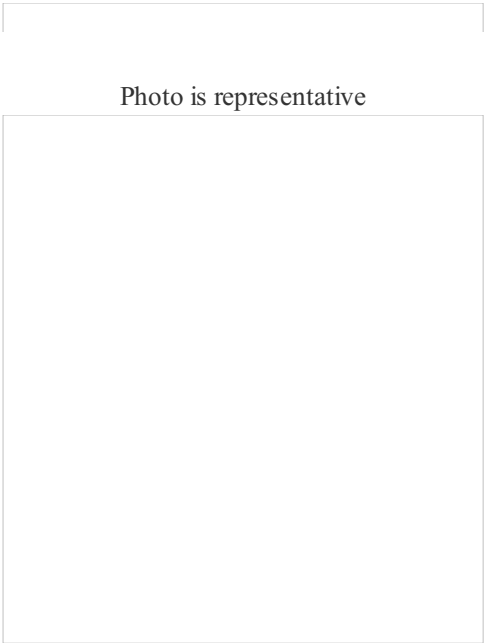


Photo is representative

Photo is representative



Designed to work together

Discover other Eaton products and accessories built to enhance this product.

199198

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 4 kW, 6.3 - 10 A, Feed-side screw terminals/output-side push-in terminals, MSC

199187

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 5.5 kW, 8 - 12 A, Feed-side screw terminals/output-side push-in terminals

199196

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 1.5 kW, 2.5 - 4 A, Feed-side screw terminals/output-side push-in terminals, MSC

199200

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 7.5 kW, 10 - 16 A, Feed-side screw terminals/output-side push-in terminals, MSC

[View more](#)[View less](#)

GENERAL SPECIFICATIONS

General specifications >

PRODUCT NAME Eaton Moeller® series B3 Accessory Three-phase b**CATALOG NUMBER** 044947

Product specifications >

MODEL CODE B3.1/4-PKZ0**EAN** 4015080449478**PRODUCT LENGTH/DEPTH** 209 mm**PRODUCT HEIGHT** 34 mm**PRODUCT WIDTH** 11 mm**PRODUCT WEIGHT** 0.09 kg**CERTIFICATIONS**
UL 508
CE
CSA
CSA File No.: 98494
UL File No.: E36332
CSA Class No.: 3211-06
UL Category Control No.: NLRV
UL
CSA-C22.2 No. 14
IEC/EN 60947-4-1

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) 63 A**10.11 SHORT-CIRCUIT RATING** Is the panel builder's responsibility. The specifications must be observed.**10.4 CLEARANCES AND CREEPAGE DISTANCES** Meets the product standard's requirements.**10.12 ELECTROMAGNETIC COMPATIBILITY** Is the panel builder's responsibility. The specifications must be observed.**10.2.5 LIFTING** Does not apply, since the entire switchgear needs to**10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES** Meets the product standard's requirements.**10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS** Is the panel builder's responsibility.**RATED SURGE VOLTAGE** 6 KV**RATED CONDITIONAL SHORT-CIRCUIT CURRENT**

(IQ)	0 kA
PITCH DIMENSIONS	54 mm
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
CROSS SECTION	0 mm ²
COLOR	Black
NUMBER OF MODULAR SPACINGS	11.5
FEATURES	Insulated
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
NUMBER OF POLES	Three-pole
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
RATED UNINTERRUPTED CURRENT (IU)	63 A
ELECTRIC CONNECTION TYPE	Fork
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	2.3 W
PRODUCT CATEGORY	Accessories
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	6.9 W
HEAT DISSIPATION CAPACITY PDISS	0 W
SUITABLE FOR	4 Circuit-breakers
SUITABLE FOR NUMBER OF DEVICES	4
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.
NUMBER OF PHASES	3

10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
OVERVOLTAGE CATEGORY	III
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	0 kA
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
POLLUTION DEGREE	3
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device.
FUNCTIONS	Can be extended by rotating installation
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
RATED OPERATIONAL VOLTAGE (UE) - MAX	690 V
MOUNTING WIDTH	45 + 9 mm

Brochures

Catalogs

Certification reports

Declarations of conformity

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

044947



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.