

PKZ MOTOR PROTECTION CIRCUIT BREAKER

063959



Overview

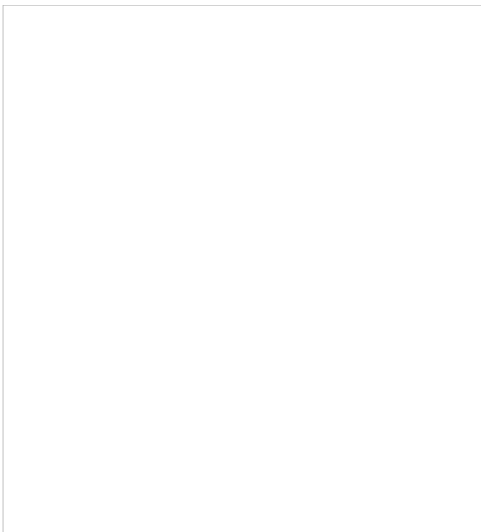


Specifications



Resources

How to buy



063959

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

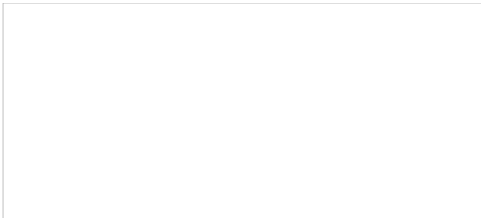
How to buy



Learn about our Push-in terminals



Configure Motor Start Combination



Designed to work together

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

199180

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 0.12 kW, 0.4 - 0.63 A, Feed-side screw terminals/output-side push-in terminals

199177

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 0.1 - 0.16 A, Feed-side screw terminals/output-side push-in terminals

199187

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

199198

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

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GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME

Eaton Moeller® series B3 Accessory Three-phase b

CATALOG NUMBER

063959

Product specifications



MODEL CODE

B3.2/4-PKZ0

EAN

4015080639596

PRODUCT LENGTH/DEPTH

235 mm

PRODUCT HEIGHT

34 mm

PRODUCT WIDTH

11 mm

PRODUCT WEIGHT

0.097 kg

CSA Class No.: 3211-06

CSA
 CSA File No.: 98494
 IEC/EN 60947-4-1
 CE
 UL Category Control No.: NLRV
 CSA-C22.2 No. 14
 UL
 UL 508
 UL File No.: E36332

CERTIFICATIONS

CATALOG NOTES

For parallel power feed to several motor-protective c
 terminals 1, 3, 5

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)

63 A

10.11 SHORT-CIRCUIT RATING

Is the panel builder's responsibility. The specification 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 specification 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

63 mm

AMBIENT OPERATING TEMPERATURE - MAX

55 °C

CROSS SECTION

0 mm²

COLOR

Black

NUMBER OF MODULAR SPACINGS

13

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

Does not apply, since the entire switchgear needs to

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
USED WITH	PKZ0 PKE12 PKE32
RATED UNINTERRUPTED CURRENT (IU)	63 A
ELECTRIC CONNECTION TYPE	Fork
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the installation 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	2.5 W
PRODUCT CATEGORY	Accessories
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	7.5 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 rise. 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 + 18 mm

Brochures

Catalogs

Certification reports

Declarations of conformity

Drawings

eCAD model

Installation videos

mCAD model

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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.

