

**PKZ MOTOR PROTECTION CIRCUIT
BREAKER**

044948



Overview

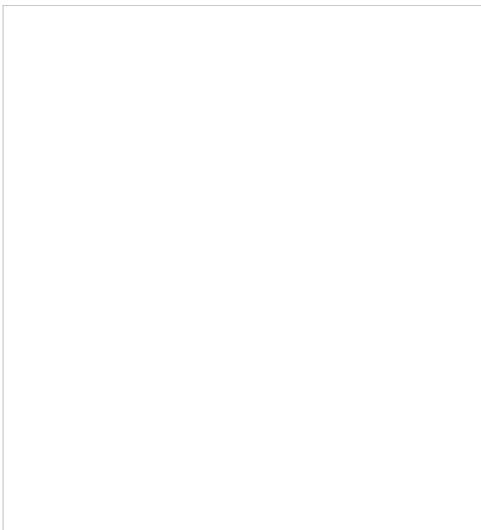
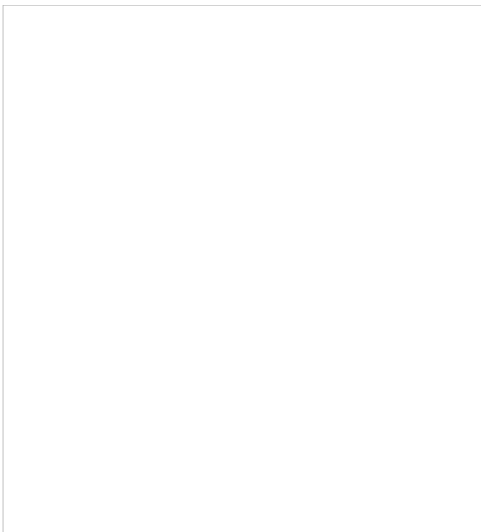


Specifications



Resources

How to buy



044948

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

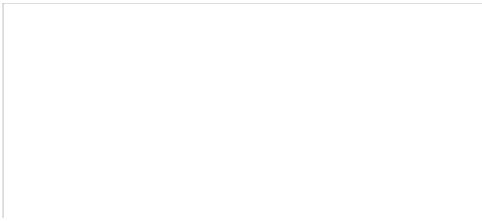
How to buy



Learn about our Push-in terminals



Configure Motor Start Combination



GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME Eaton Moeller® series B3 Accessory Three-phase b

CATALOG NUMBER 044948

Product specifications



MODEL CODE B3.1/5-PKZ0

EAN 4015080449485

PRODUCT LENGTH/DEPTH 264 mm

PRODUCT HEIGHT 34 mm

PRODUCT WIDTH 11 mm

PRODUCT WEIGHT 0.109 kg

CERTIFICATIONS

CE
CSA Class No.: 3211-06
CSA File No.: 98494
UL
UL File No.: E36332
CSA
CSA-C22.2 No. 14
IEC/EN 60947-4-1
UL 508
UL Category Control No.: NLRV

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.

10.4 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 be lifted.
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	14.5
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 be tested.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be tested.
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 be tested.
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 be tested.
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	2.8 W
PRODUCT CATEGORY	Accessories
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	8.4 W

HEAT DISSIPATION CAPACITY PDISS	0 W
SUITABLE FOR	5 Circuit-breakers
SUITABLE FOR NUMBER OF DEVICES	5
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

044948



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.