

**PKZ MOTOR PROTECTION CIRCUIT
BREAKER**

082882



Overview

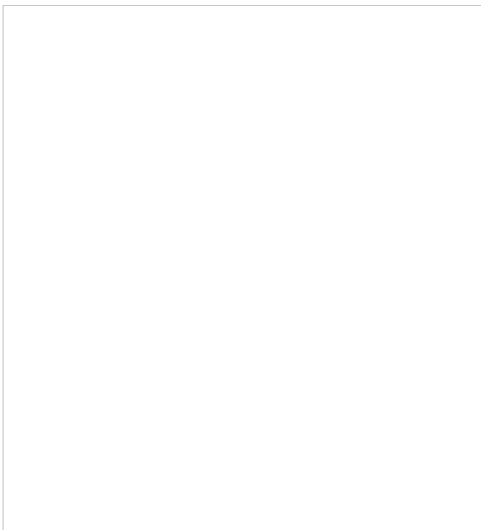
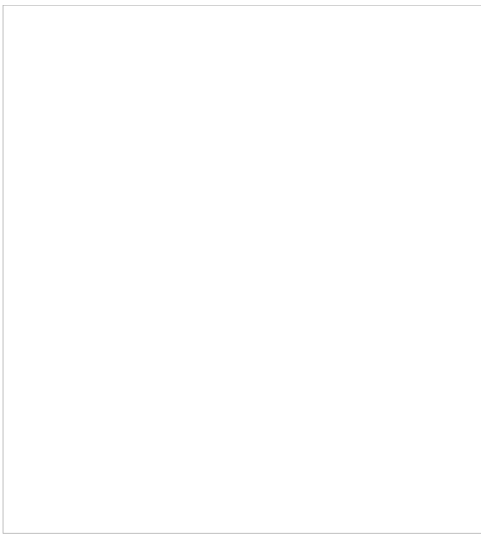


Specifications



Resources

How to buy

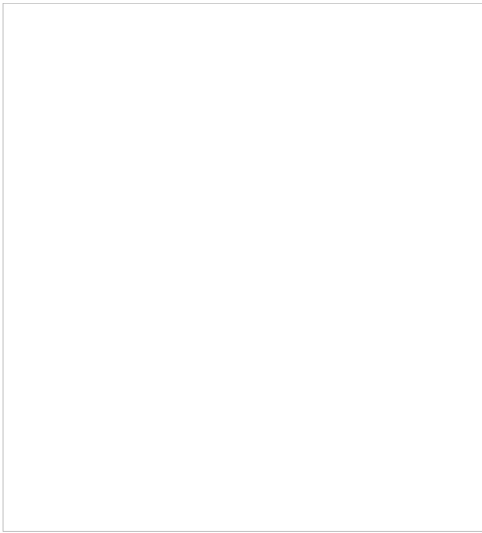
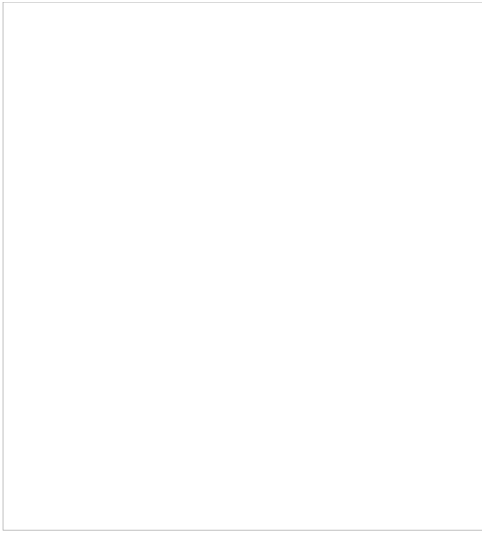
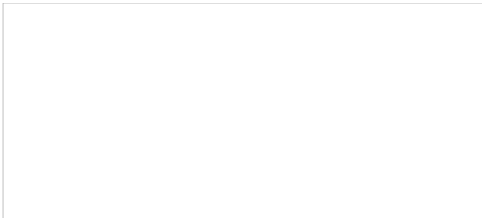


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Eaton Moeller® series NHI Standard auxiliary contact
be fitted to the front, Screw terminals

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.

278483

Eaton Moeller® series PKZM01 Motor-protective circuit-breaker, 660 V 690 V: 4 kW, Ir= 4 - 6.3 A, IP20 PKZM01-6,3

222394

Eaton Moeller® series PKZM4 Motor-protective circuit-breaker, Ir= 50 - 58 A, Screw terminals, Terminations: IP00 PKZM4-58

278486

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker, 3p, Ir=8-12A PKZM0-12

222350

Eaton Moeller® series PKZM4 Motor-protective circuit-breaker, Ir= 10 A, Screw terminals, Terminations: IP00 PKZM4-16

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GENERAL SPECIFICATIONS

General specifications

>

PRODUCT NAME Eaton Moeller® series NHI Accessory Standard auxiliary contact

CATALOG NUMBER 082882

Product specifications

>

MODEL CODE NHI-E-11-PKZ0

EAN 4015080828822

PRODUCT LENGTH/DEPTH 12 mm

PRODUCT HEIGHT 35 mm

PRODUCT WIDTH 45 mm

PRODUCT WEIGHT 0.016 kg

CERTIFICATIONS

CE
UL Category Control No.: NLRV
CSA
CSA-C22.2 No. 14
UL File No.: E36332
CSA File No.: 165628
IEC/EN 60947-4-1
UL 508
CSA Class No.: 3211-05
UL

CATALOG NOTES

Can be fitted to the front. Terminal designation different from the main contact auxiliary contact that can be fitted to the side

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) 1 A

Is the panel builder's responsibility. The specifications are subject to change without notice.

10.11 SHORT-CIRCUIT RATING	must be observed.
LAMP HOLDER	None
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.
MOUNTING METHOD	Front fastening
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.
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
LIFESPAN, ELECTRICAL	100,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
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.
SAFE ISOLATION	440 V, Between auxiliary contacts and main contact 61140
USED WITH	Motor protective circuit-breaker
RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	1 A
ELECTRIC CONNECTION TYPE	Screw connection
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instructions in 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.
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
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	0.01 W
TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)	0.75 - 1.5 mm ²
SWITCHING CAPACITY (AUXILIARY CONTACTS)	

SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	0.5 A, 250 V DC, (UL/CSA)
PRODUCT CATEGORY	Accessories
NUMBER OF SWITCHES (FAULT SIGNAL)	0
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
SHORT-CIRCUIT PROTECTION RATING WITHOUT WELDING	10 A gG/gL, Fuse, Auxiliary contacts
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.
CONNECTION TYPE	Screw connection
LIFESPAN, MECHANICAL	100,000 Operations
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 16, Screw terminals
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
CONTROL CIRCUIT RELIABILITY	< 2 λ, < 1 failure at 100,000,000 Operations (at U _c = 17 V, I _{min} = 5.4 mA)
OVERVOLTAGE CATEGORY	III
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	440 V
POLLUTION DEGREE	3
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise. Eaton will provide heat dissipation data for the device.
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.
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
MODEL	Top mounting
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	E150, AC operated (UL/CSA)

Brochures

Catalogs

Certification reports

Characteristic curve

Declarations of conformity

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

Wiring diagrams

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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.