

**PKZ MOTOR PROTECTION CIRCUIT
BREAKER**

073135



Overview



Specifications



Resources

How to buy

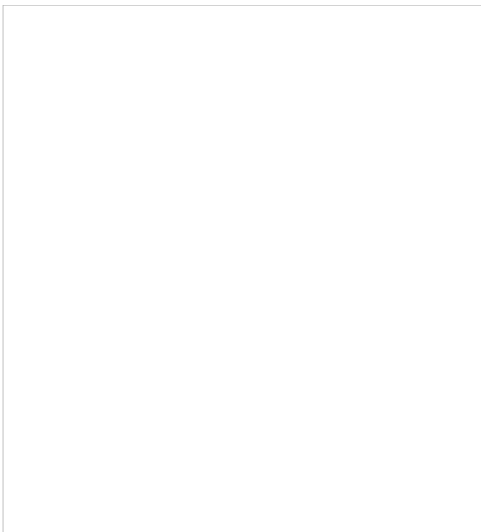


Photo is representative

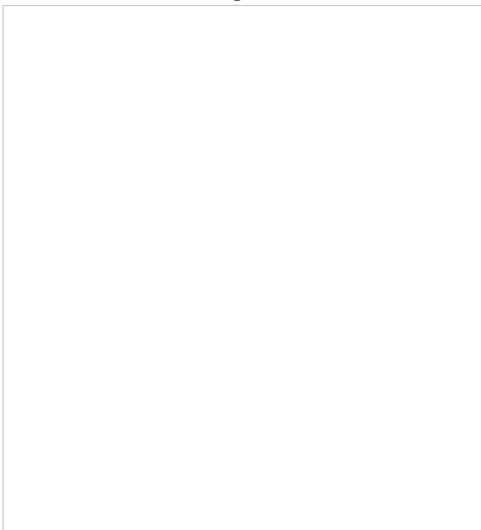


Photo is representative

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Eaton Moeller® series U-PKZ0 Undervoltage release
50 Hz, Screw terminals

How to buy

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

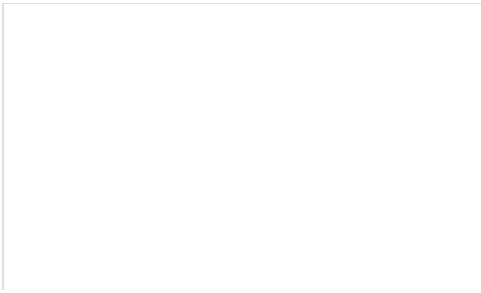


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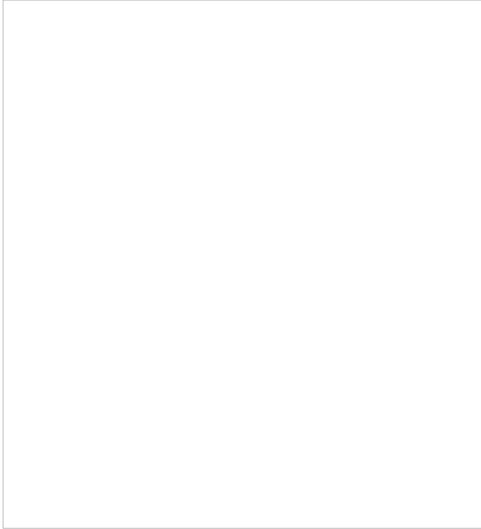


Photo is representative



Designed to work together

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

158251

Eaton Moeller® series PKZM4 Motor-protective circuit-breaker, Ir= 16 - 25 A, Screw terminals, Terminations: IP00 PKZM4-25/AK

190022

Eaton Moeller® series PKZM4 Motor-protective circuit-breaker, Ir= 40 - 50 A, Screw terminals, Terminations: IP00

158250

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

158256

Eaton Moeller® series PKZM4 Motor-protective circuit-breaker, Ir= 55 A, Screw terminals, Terminations: IP00 PKZM4-63/AK

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GENERAL SPECIFICATIONS

General specifications >

PRODUCT NAME Eaton Moeller® series U-PKZ0 Accessory Undervol**CATALOG NUMBER** 073135

Product specifications >

MODEL CODE U-PKZ0(230V50HZ)**EAN** 4015080731351**PRODUCT LENGTH/DEPTH** 68 mm**PRODUCT HEIGHT** 90 mm**PRODUCT WIDTH** 24 mm**PRODUCT WEIGHT** 0.129 kg

CERTIFICATIONS

CSA-C22.2 No. 14

CE

IEC/EN 60947-4-1

UL 508

CSA Class No.: 3211-05

CSA

CSA File No.: 165628

UL Category Control No.: NLRV

UL

UL File No.: E36332

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) 0 A**DROP-OUT VOLTAGE** 0,7- 0,35 x U_c**POWER CONSUMPTION, SEALING, 60 HZ** 3 VA, Coil in a cold state and 1.0 x U_s**10.11 SHORT-CIRCUIT RATING** Is the panel builder's responsibility. The specifications must be observed.**RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN** 230 V**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.

| | |
|---|---|
| RATED CONTROL SUPPLY VOLTAGE(US) AT DC - MIN | 0 V |
| RATED OPERATIONAL VOLTAGE(UE) AT AC - MIN | 42 V |
| RATED CONTROL SUPPLY VOLTAGE(US) AT AC, 50 HZ - MAX | 230 V |
| 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS | Is the panel builder's responsibility. |
| POWER CONSUMPTION, SEALING, 50 HZ | 3 VA, Coil in a cold state and 1.0 x Us |
| AMBIENT OPERATING TEMPERATURE - MAX | 55 °C |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS | 0.5 W |
| RATED CONTROL SUPPLY VOLTAGE(US) AT DC - MAX | 0 V |
| 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 |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK | Does not apply, since the entire switchgear needs to |
| USED WITH | Motor protective circuit-breaker |
| MOUNTING POSITION | Can be fitted to left side of the motor protection swi |
| ELECTRIC CONNECTION TYPE | Screw connection |
| 10.13 MECHANICAL FUNCTION | The device meets the requirements, provided the inf 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. |
| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
| 10.3 DEGREE OF PROTECTION OF ASSEMBLIES | Does not apply, since the entire switchgear needs to |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID | 0 W |
| VOLTAGE TYPE | AC |
| TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE) | 1 x (0.75 - 2.5) mm ² 2 x (0.75 - 2.5) mm ² |
| PRODUCT CATEGORY | Accessories |
| POWER CONSUMPTION, PICK-UP, 50 HZ | 5 VA, Pull-in power, Coil in a cold state and 1.0 x |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID | 0 W |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |

| | |
|---|--|
| SUITABLE FOR | Motor safety switch |
| PICK-UP VOLTAGE | 0.85 - 1.1 V x U _c |
| 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. |
| TERMINAL CAPACITY (SOLID/STRANDED AWG) | 1 x (18 - 14) 2 x (18 - 14) |
| 10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH | Is the panel builder's responsibility. |
| RATED OPERATIONAL VOLTAGE(UE) AT DC - MIN | 24 V |
| RATED OPERATIONAL VOLTAGE(UE) AT DC - MAX | 250 V |
| SUITABLE AS | EMERGENCY STOP or EMERGENCY switching accordance with IEC/EN 60204 when combined with |
| RATED OPERATIONAL VOLTAGE(UE) AT AC - MAX | 480 V |
| RATED CONTROL SUPPLY VOLTAGE(US) AT AC, 60 HZ - MIN | 0 V |
| 10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS | Is the panel builder's responsibility. |
| POWER CONSUMPTION, PICK-UP, 60 HZ | 5 VA, Pull-in power, Coil in a cold state and 1.0 x |
| 10.10 TEMPERATURE RISE | The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi |
| 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 CONTROL SUPPLY VOLTAGE(US) AT AC, 60 HZ - MAX | 0 V |
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
| NUMBER OF CONTACTS (CHANGE-OVER CONTACTS) | 0 |

Brochures

Catalogs

Certification reports

Declarations of conformity

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

Wiring diagrams

073135



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