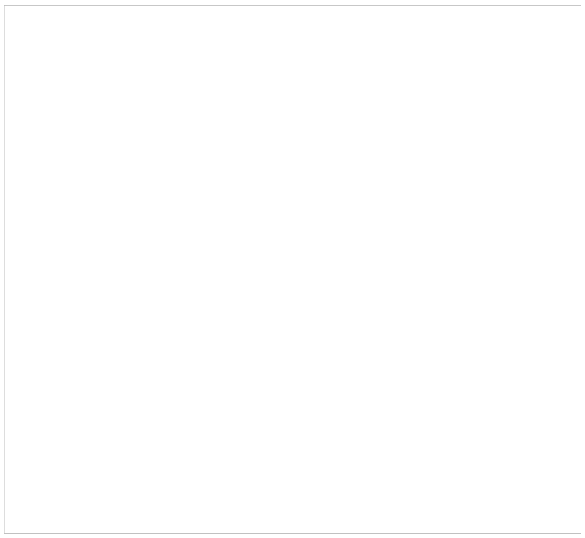
PKE ELECTRONIC MOTOR PROTECTION CIRCUIT BREAKER

072898



072898

Eaton Moeller® series PKZ Trip indicator, 2 x 1 N/C

How to buy

Designed to work together

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158253

Eaton Moeller® series PKZM4 Motor-protective circuit-breaker, Ir= 32 - 40 A, Screw terminals, Terminations: IP00
PKZM4-40/AK

158255

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

158256

Eaton Moeller® series PKZM4 Motor-protective circuit-breaker, Ir= 55 - 65 A, Screw terminals, Terminations: IP00
PKZM4-63/AK

158251

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

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General specifications >

Product specifications >

GENERAL SPECIFICATIONS

PRODUCT NAME	Eaton Moeller® series PKZ Trip indicator
CATALOG NUMBER	072898
MODEL CODE	AGM2-10-PKZ0
EAN	4015080728986
PRODUCT LENGTH/DEPTH	68 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	23 mm
PRODUCT WEIGHT	0.035 kg
CERTIFICATIONS	CSA Class No.: 3211-05 UL File No.: E36332 CE IEC/EN 60947-4-1 UL Category Control No.: NLRV UL CSA-C22.2 No. 14 CSA CSA File No.: 165628 UL 508

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	3.5 A
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specificatio 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 specificatio must be observed.
MOUNTING METHOD	Side mounting
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.
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
LIFESPAN, ELECTRICAL	50,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-	0 W

DEPENDENT PVS	
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
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	3.5 A
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	0.1 W
RATED OPERATIONAL CURRENT (IE) AT AC-15, 380 V, 400 V, 415 V	2 A
TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)	0.75 - 2.5 mm²
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	5 A, 600 V AC, (UL/CSA) 1 A, 250 V DC, (UL/CSA)
PRODUCT CATEGORY	Accessories
NUMBER OF SWITCHES (FAULT SIGNAL)	1
INDICATION	Short-circuits indicated locally by means of a red ind manually reset General trip indication (overload)
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
RATED OPERATIONAL CURRENT (IE) AT DC-13, 60 V	1 A
RATED OPERATIONAL CURRENT (IE)	1 A at AC-15, 440 V 500 V
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	10,000 Operations
RATED OPERATIONAL CURRENT (IE) AT DC-13, 220 V, 230 V	0.25 A
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14
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_e = 17 V, Imin = 5.4 mA)
OVERVOLTAGE CATEGORY	III
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 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 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.
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	2
MODEL	Top mounting
RATED OPERATIONAL CURRENT (IE) AT DC-13, 110 V	0.5 A
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	A600, AC operated (UL/CSA) Q300, DC operated (UL/CSA)
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	2 A

Brochures

Catalogs

Certification reports

Characteristic curve

Declarations of conformity

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

Wiring diagrams

072898

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.