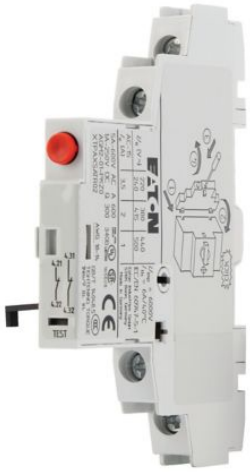
Specyfikacje



Eaton 072899

Eaton Moeller® series PKZ Trip indicator, 2 x 1 NC, Screw terminals

General specifications	
PRODUCT NAME	Eaton Moeller® series PKZ Trip indicator
CATALOG NUMBER	072899
EAN	4015080728993
PRODUCT LENGTH/DEPTH	68 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	23 mm
PRODUCT WEIGHT	0.035 kg
CERTIFICATIONS	CE IEC/EN 60947-4-1 CSA File No.: 165628 CSA-C22.2 No. 14 UL File No.: E36332 CSA Class No.: 3211-05 UL 508 CSA UL Category Control No.: NLRV UL
MODEL CODE	AGM2-01-PKZ0

Powering Business Worldwide

Features & Functions

ELECTRIC CONNECTION TYPE	Screw connection
INDICATION	General trip indication (overload) Short-circuits indicated locally by means of a red indicator that can be manually reset

General

LIFESPAN, ELECTRICAL	50,000 Operations
LIFESPAN, MECHANICAL	10,000 Operations
MODEL	Top mounting
MOUNTING METHOD	Side mounting
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	Accessories
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
USED WITH	Motor protective circuit-breaker

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	55 °C

Terminal capacities

TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)	0.75 - 2.5 mm^2
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14

Electrical rating

RATED OPERATIONAL CURRENT (IE)	1 A at AC-15, 440 V 500 V
RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	3.5 A
RATED OPERATIONAL CURRENT (IE) AT AC-15, 380 V, 400 V, 415 V	2 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 110 V	0.5 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 220 V, 230 V	0.25 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	2 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 60 V	1 A
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 V
SAFE ISOLATION	440 V, Between auxiliary contacts and main contacts, According to EN 61140

Short-circuit rating

SHORT-CIRCUIT PROTECTION RATING WITHOUT WELDING	10 A gG/gL, Fuse, Auxiliary contacts

Switching capacity

SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	5 A, 600 V AC, (UL/CSA) 1 A, 250 V DC, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	A600, AC operated (UL/CSA) Q300, DC operated (UL/CSA)

Communication

CONNECTION TYPE	Screw connection

Contacts

CONTROL CIRCUIT RELIABILITY	< 2 λ, < 1 failure at 100,000,000 Operations (at U_e = 24 V DC, Umin = 17 V, Imin = 5.4 mA)
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.1 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	3.5 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.

10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Do pobrania

BROSZURY	eaton-motor-protective-circuit-breaker-pke-and-communication-modul-pke-brochure-w12107613en-en-us.pdf
CHARACTERISTIC CURVE	eaton-motorstarters-auxiliary-contact-pkz-trip-indicator-characteristic-curve-003.eps eaton-motorstarters-auxiliary-contact-pkz-trip-indicator-characteristic-curve-004.eps
DEKLARACJE ZGODNOŚCI	DA-DC-00005072.pdf
FILMY INSTRUKTAŻOWE	Video Motor Protective Circuit Breaker PKE
INFORMACJE HANDLOWE	eaton-pke-modbus-rtu-modul-flyer-fl034008en-en-us.pdf
INSTRUKCJE MONTAŻU	IL03402030Z
MODELE ECAD	ETN.072899.edz
MODELE MCAD	DA-CS-agm2 DA-CD-agm2
RYSUNKI	eaton-manual-motor-starters-auxiliary-contact-pkz0-trip-indicator-dimensions.eps eaton-manual-motor-starters-auxiliary-contact-pkz-trip-indicator-3d-drawing.eps
SCHEMATY POŁĄCZEŃ	eaton-motorstarters-auxiliary-contact-pkz-trip-indicator-wiring-diagram-002.eps

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATA:	

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