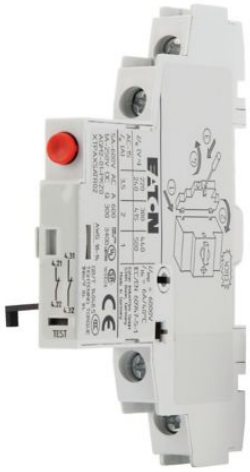
Specifications



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
MODEL CODE	AGM2-01-PKZ0
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
GLOBAL CATALOG	072899

Powering Business Worldwide

Product specifications

USED WITH	Motor protective circuit-breaker
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.
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	Meets the product

Resources

BROCHURES	eaton-motor-protective-circuit-breaker-pke-and-communication-modul-pke-brochure-w12107613en-en-us.pdf eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf
CATALOGS	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf Product Range Catalog Switching and protecting motors
CHARACTERISTIC CURVE	eaton-motorstarters-auxiliary-contact-pkz-trip-indicator-characteristic-curve-004.eps eaton-motorstarters-auxiliary-contact-pkz-trip-indicator-characteristic-curve-003.eps
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251154en.pdf eaton-accessory-declaration-of-conformity-eu250671en.pdf
DRAWINGS	eaton-manual-motor-starters-auxiliary-contact-pkz0-trip-indicator-dimensions.eps eaton-manual-motor-starters-auxiliary-contact-pkz-trip-indicator-3d-drawing.eps
ECAD MODEL	ETN.072899.edz
INSTALLATION INSTRUCTIONS	IL03402030Z
INSTALLATION VIDEOS	WIN-WIN with push-in technology Video Motor Protective Circuit Breaker PKE
MCAD MODEL	DA-CS-agm2 DA-CD-agm2
SALES NOTES	eaton-pke-modbus-rtu-modul-flyer-fl034008en-en-us.pdf

CREEPAGE DISTANCES	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.
ELECTRIC CONNECTION TYPE	Screw connection
POLLUTION DEGREE	3
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.1 W
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0
NUMBER OF SWITCHES (FAULT SIGNAL)	1
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
INDICATION	General trip indication (overload)

WIRING DIAGRAMS	eaton-motorstarters-auxiliary-contact-pkz-trip-indicator-wiring-diagram-002.eps

	Short-circuits indicated locally by means of a red indicator that can be manually reset
CONNECTION TYPE	Screw connection
MOUNTING METHOD	Side mounting
OVERVOLTAGE CATEGORY	III
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)
MODEL	Top mounting
LAMP HOLDER	None
TERMINAL CAPACITY (SOLID/FLEXIBLE WITH FERRULE)	0.75 - 2.5 mm²
SAFE ISOLATION	440 V, Between auxiliary contacts and main contacts, According to EN 61140
RATED OPERATIONAL CURRENT (IE)	1 A at AC-15, 440 V 500 V
LIFESPAN, ELECTRICAL	50,000 Operations
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)
LIFESPAN, MECHANICAL	10,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	Accessories
SHORT-CIRCUIT PROTECTION RATING WITHOUT WELDING	10 A gG/gL, Fuse, Auxiliary contacts
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,	0.25 A

220 V, 230 V	
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	2 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 60 V	1 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	3.5 A
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 V
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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