

Especificaciones



Eaton 121474

Eaton Moeller® series M22 Self-monitoring contact elements, Screw terminals, Front fixing, 1 N/O, 2 NC, 24 V 3 A

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Accessory Contact element
CATALOG NUMBER	121474
EAN	4015081192922
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	32 mm
PRODUCT WEIGHT	0.032 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 UL 508 EN 60947-5 IEC 60947 UL Category Control No.: NISD CE IEC 60947-5-1 IEC/EN 60947-5 CSA CSA File No.: 012528_C_000 CSA-C22.2 No. 94-91 UL UL File No.: E340491 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05
CATALOG NOTES	Contacts with safety function, by positive opening to IEC/EN 60947-5-1

Especificaciones del producto

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 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-	Is the panel builder's

FREQUENCY ELECTRIC STRENGTH	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
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
ACTUATING FORCE - MAX	10 N
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.8 mm
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	85 °C
AMBIENT STORAGE TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
FORCE FOR POSITIVE OPENING - MIN	30 N
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.11 W
KNOB TRAVEL	5.7 mm
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
NUMBER OF SWITCHES (FAULT SIGNAL)	0
CONNECTION TO SMARTWIRE-DT	No
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
CONTACT CONFIGURATION	1 NO, 2 NC
RATED CONDITIONAL SHORT-CIRCUIT	1 kA

CURRENT (IQ)	
CONNECTION TYPE	Front fixing Screw connection
MOUNTING METHOD	Front fastening
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP20
MODEL	Top mounting
LAMP HOLDER	None
TERMINAL CAPACITY (STRANDED)	0.5 - 2.5 mm ²
SHORT-CIRCUIT PROTECTION	PKZM0-10/FAZ-B6/1, Contacts, Max. short-circuit protective device, Fuseless
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
RATED OPERATIONAL CURRENT (IE) AT DC-13, 500 V	0.1 A
SHORT-CIRCUIT PROTECTION RATING	Max. 10 A gG/gL, Fuse, Contacts
OPERATING TORQUE	0.8 Nm
RATED INSULATION VOLTAGE (UI)	500 V
RATED OPERATIONAL CURRENT (IE) AT AC-15, 115 V	6 A
RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	6 A
RATED OPERATIONAL CURRENT (IE) AT AC-15, 380 V, 400 V, 415 V	4 A
RATED OPERATIONAL CURRENT (IE) AT AC-15, 500 V	2 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 110 V	0.6 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 220 V, 230 V	0.3 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	3 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 42 V	1.7 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 60 V	1.2 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A

TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	0.5 - 1.5 mm²
TERMINAL CAPACITY (SOLID)	0.75 - 2.5 mm²

Recursos	
	DA-DC-00004971.pdf
	DA-DC-00004975.pdf
DECLARATIONS OF CONFORMITY	DA-DC-00004134.pdf
	DA-DC-00004135.pdf
	DA-DC-00004176.pdf
	DA-DC-00004157.pdf
DIAGRAMA DE CONTROL DE VIAJE	eaton-operating-diagram-m22-contact-element-contact-travel-diagram-009.eps
	116U024
DIAGRAMAS DE CABLEADO	eaton-operating-m22-contact-element-wiring-diagram-002.eps
	1160SWI-26
DIBUJOS	116X101
	eaton-operating-actuation-m22-led-element-dimensions.eps
	eaton-general-standards-000Z425.jpg
	eaton-operating-m22-contact-element-3d-drawing.eps
	1160DRW-229
	eaton-operating-m22-contact-element-symbol-002.eps
	1160SPC-36
ECAD MODEL	ETN.M22-K02SMC10 ETN.121474.edz
INSTRUCCIONES DE INSTALACIÓN	IL04716002Z IL04716005Z.pdf
	kontaktelement safety front 2.stp
	eaton-cadenas-front view-kontaktelement safety front 2 front.pra
MCAD MODEL	eaton-cadenas-side view-kontaktelement safety front 2 side.pra
	eaton-cadenas-path-temp-kontaktelement safety front 2.3db
	kontaktelement safety front 2
MULTIMEDIA	RMQ small E-Stop emergency-stop button
REPORTES DE CERTIFICACIONES	000Z425
SYSTEM OVERVIEW	Pilot devices - selection aid

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

FECHA:



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