



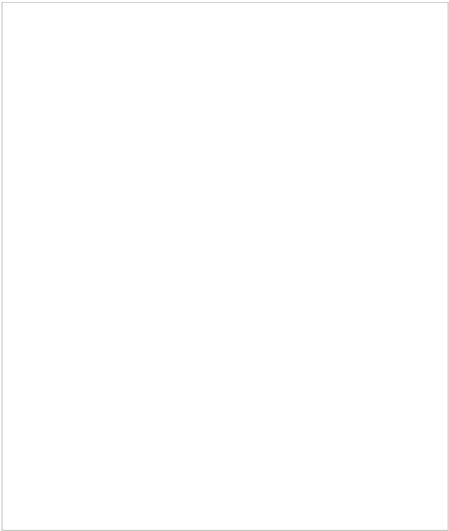
RMQ TITAN MODULAR PILOT DEVICES
173029

Overview

Specifications

Resources

How to



173029

Eaton Moeller® series M22 Self-monitoring contactor
Base fixing, 2 N/O, 2 NC, 24 V 3 A

Contact me about this product



GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME Eaton Moeller® series M22 Accessory Contact element

CATALOG NUMBER 173029

Product specifications



MODEL CODE M22-KC12SMC10

EAN 4015081696208

PRODUCT LENGTH/DEPTH 40.2 mm

PRODUCT HEIGHT 34 mm

PRODUCT WIDTH 47 mm

PRODUCT WEIGHT 0.044 kg

CE
IEC/EN 60947-5
UL 508
UL Category Control No.: NISD
CSA Class No.: 3211-03

CERTIFICATIONS	CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 UL File No.: E340491 CSA CSA File No.: 012528_C_000 UL IEC 60947-5-1
CATALOG NOTES	Contacts with safety function, by positive opening t

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	0.5 - 1.5 mm ²
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specification 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 specification must be observed.
MOUNTING METHOD	Floor fastening
OPERATING TORQUE	0.8 Nm
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.
FORCE FOR POSITIVE OPENING - MIN	30 N
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.8 mm
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
TERMINAL CAPACITY (STRANDED)	0.5 - 2.5 mm ²
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
KNOB TRAVEL	5.7 mm
CONNECTION TO SMARTWIRE-DT	No
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

RATED OPERATIONAL CURRENT (IE) AT AC-15, 500 V	2 A
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
RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	6 A
ELECTRIC CONNECTION TYPE	Screw connection
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
RATED OPERATIONAL CURRENT (IE) AT DC-13, 42 V	1.7 A
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)	2
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.11 W
RATED OPERATIONAL CURRENT (IE) AT AC-15, 380 V, 400 V, 415 V	4 A
SHORT-CIRCUIT PROTECTION	PKZM0-10/FAZ-B6/1, Contacts, Max. short-circuit Fuseless
NUMBER OF SWITCHES (FAULT SIGNAL)	0
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
RATED OPERATIONAL CURRENT (IE) AT DC-13, 60 V	1.2 A
RATED OPERATIONAL CURRENT (IE) AT AC-15, 115 V	6 A
TERMINAL CAPACITY (SOLID)	0.75 - 2.5 mm ²
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	Base fixing
RATED OPERATIONAL CURRENT (IE) AT DC-13, 220 V, 230 V	0.3 A

10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP20
POLLUTION DEGREE	3
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
ACTUATING FORCE - MAX	15 N
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 device
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)	1
SHORT-CIRCUIT PROTECTION RATING	Max. 10 A gG/gL, Fuse, Contacts
MODEL	Top mounting
RATED OPERATIONAL CURRENT (IE) AT DC-13, 110 V	0.6 A
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
RATED INSULATION VOLTAGE (UI)	500 V
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	3 A

Brochures

Catalogs

Certification reports

Drawings

eCAD model

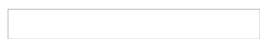
Installation instructions

Installation videos

System overview

Wiring diagrams

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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.