



RMQ TITAN MODULAR PILOT DEVICES
121472



Overview

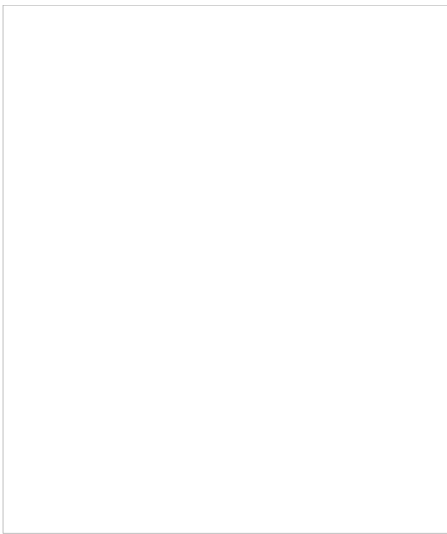


Specifications



Resources

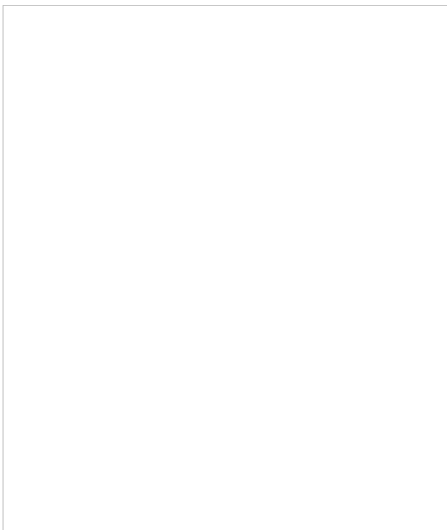
How to

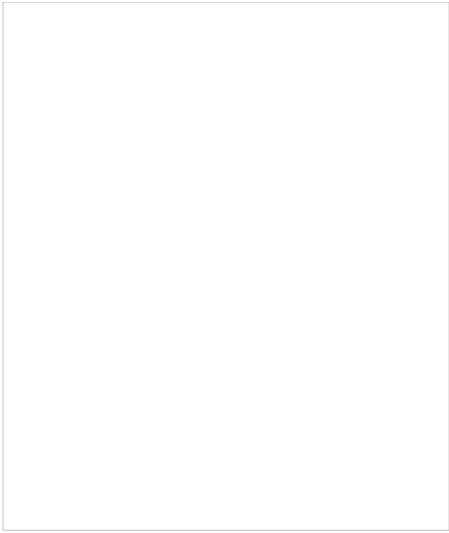
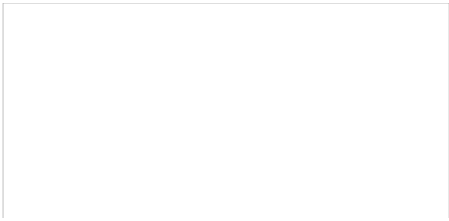


121472

Eaton Moeller® series M22 Self-monitoring contactor
Front fixing, 1 N/O, 1 NC, 24 V 3 A

[Contact me about this product](#)





Designed to work together

Discover other Eaton products and accessories built to enhance this product.

197549

Eaton Moeller® series M30 HALT/STOP-Button, RMQ-Titan, Mushroom-shaped, Pull-to-release function M30S-PVL30

197547

Eaton Moeller® series M30 HALT/STOP-Button, RMQ-Titan, Mushroom-shaped, Pull-to-release function M30S-PV30

197545

Eaton Moeller® series M30 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, Pull-to-release function M30-PVL30

197544

Eaton Moeller® series M30 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, Pull-to-release function M30-PVT30

[View more](#)

[View less](#)

GENERAL SPECIFICATIONS

General specifications

>

PRODUCT NAME Eaton Moeller® series M22 Accessory Contact element

CATALOG NUMBER 121472

Product specifications

>

MODEL CODE M22-K01SMC10

EAN 4015081192908

PRODUCT LENGTH/DEPTH 35 mm

PRODUCT HEIGHT 51 mm

PRODUCT WIDTH 23 mm

PRODUCT WEIGHT 0.021 kg

COMPLIANCES CE Marked

CERTIFICATIONS

UL 508
CSA Std. C22.2 No. 14-05
EN 60947-5
CSA Std. C22.2 No. 94-91
IEC 60947
CSA Class No.: 3211-03
IEC 60947-5-1
CSA File No.: 012528_C_000
IEC/EN 60947-5
UL
UL Category Control No.: NISD
CSA-C22.2 No. 14-05
CSA-C22.2 No. 94-91
CE
UL File No.: E340491
CSA

CATALOG NOTES

Contacts with safety function, by positive opening t

PRODUCT SPECIFICATIONS

CONTACT CONFIGURATION 1 NO, 1 NC

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) 6 A

TERMINAL CAPACITY (FLEXIBLE WITH FERRULE) 0.5 - 1.5 mm²

10.11 SHORT-CIRCUIT RATING Is the panel builder's responsibility. The specifications 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 specifications must be observed.

MOUNTING METHOD	Front fastening
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	15 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, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
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)	1
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0.11 W

PVID	
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	Front fixing Screw connection
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	5 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 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)	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

mCAD model

System overview

Wiring diagrams

121472



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.