

RMQ TITAN MODULAR PILOT DEVICES
262165



Overview

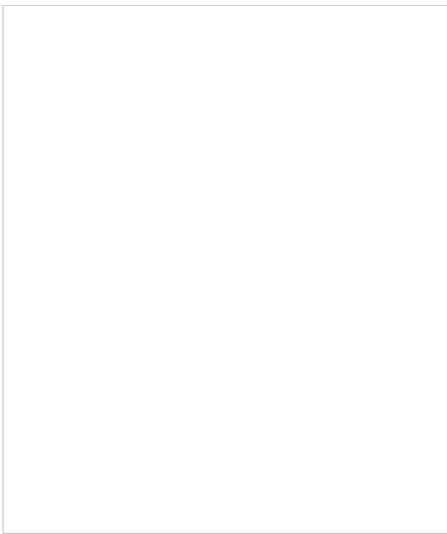


Specifications



Resources

How to



262165

Eaton Moeller® series M22 Contact element, Screw
NCL, 24 V 3 A, 220 V 230 V 240 V 6 A

[Contact me about this product](#)

Photo is representative

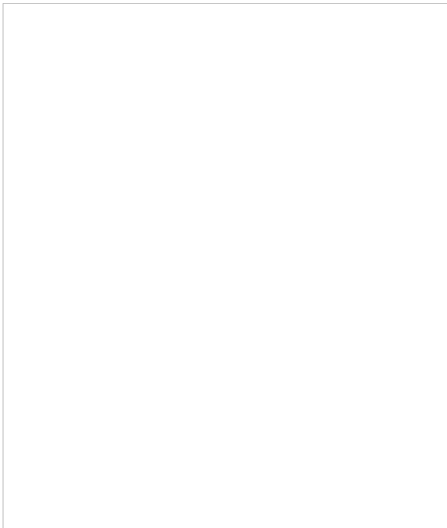


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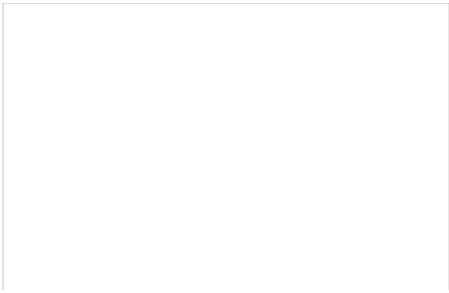


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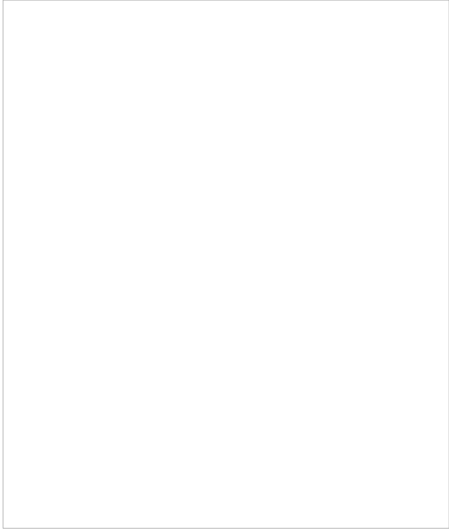


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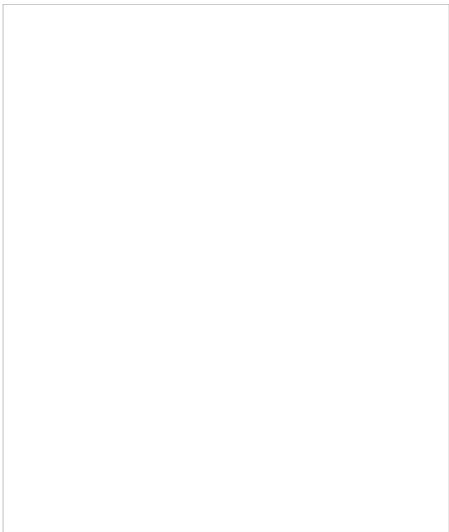


Photo is representative



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Designed to work together

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216529

Eaton Moeller® series M22 Housing, Pushbutton actuators, Enclosure, momentary, 2 NC, 2 N/O, Screw connection, Number of locations 2, Grey, inscribed, Bezel: titanium

216533

Eaton Moeller® series M22 Housing, Pushbutton actuators, Indicator lights, Enclosure, momentary, 2 NC, 2 N/O, Screw connection, Number of locations 2, Grey, inscribed, Bezel: titanium

216532

Eaton Moeller® series M22 Housing, Pushbutton actuators, Enclosure, momentary, 3 NC, 3 N/O, Screw connection, Number of locations 3, Grey, inscribed, Bezel: titanium

187799

Eaton Moeller® series M22 Housing, Controlled stop pushbuttons/enclosures, Mushroom-shaped, 38 mm diameter, illuminated, Pull-to-release function, 1 N/O, Cage Clamp, Red, Yellow

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GENERAL SPECIFICATIONS

General specifications

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PRODUCT NAME Eaton Moeller® series M22 Accessory Contact element**CATALOG NUMBER** 262165

Product specifications

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MODEL CODE M22-K01D**EAN** 4015082621650**PRODUCT LENGTH/DEPTH** 38 mm**PRODUCT HEIGHT** 10 mm**PRODUCT WIDTH** 32 mm**PRODUCT WEIGHT** 0.01 kg**WARRANTY** Eaton Selling Policy 25-000, one (1) year from the date of purchase of the Product or eighteen (18) months from the date of purchase of the Product, whichever occurs first.**COMPLIANCES** Bureau Veritas
GoST-R
CE Marked**CERTIFICATIONS** CSA Certified
CCC Marked
Lloyd's Register Certified
UL Category Control No.: NKCR
CSA-C22.2 No. 94-91
UL File No.: E29184
CE
CSA
IEC/EN 60947-5
UL
UL 508
CSA Class No.: 3211-03
CSA-C22.2 No. 14-05
IEC 60947-5-1
CSA File No.: 012528**CATALOG NOTES** Contacts with safety function, by positive opening time

PRODUCT SPECIFICATIONS

CONTACT CONFIGURATION NC**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	Front 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	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
SPECIAL FEATURES	NC contact blocks are positively driven
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
LIFESPAN, ELECTRICAL	1,000,000 Operations (at 230 V, AC-15, 1 A) 1,600,000 Operations (at 230 V, 0.5 A) 1,200,000 Operations (at 12 V, DC-13, 2.8 A) 700,000 Operations (at 230 V, AC-15, 3 A)
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
BUTTON COLOR	Black
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 PVID	0.11 W
RATED OPERATIONAL CURRENT (IE) AT AC-15, 380 V, 400 V, 415 V	4 A
OPERATING FREQUENCY	3600 Operations/h
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 Single contact
LIFESPAN, MECHANICAL	5,000,000 Operations
RATED OPERATIONAL CURRENT (IE) AT DC-13, 220 V, 230 V	0.3 A
NUMBER OF CONTACTS	1 (normally closed, late break)
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
	1 failure per 10 000 000 switching operations (Static

CONTROL CIRCUIT RELIABILITY	1 failure per 10,000,000 switching operations (statistical) 24 V DC/5 mA) 1 failure per 5,000,000 switching operations (statistical) 5 V DC/1 mA)
ACTUATOR	Front, screw
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 device.
TYPE	Contact Block
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)	0
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
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27 11 ms
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

Specifications and datasheets

System overview

Warranty guides

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.

