RMQ TITAN MODULAR PILOT DEVICES
216529

216529

Eaton Moeller® series M22 Housing, Pushbutton a momentary, 2 NC, 2 N/O, Screw connection, Numbe inscribed, Bezel: titanium

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216376

Eaton Moeller® series M22 Contact element, Screw terminals, Front fixing, 1 N/O, 24 V 3 A, 220 V 230 V 240 V 6 A M22-K10

216378

Eaton Moeller® series M22 Contact element, Screw terminals, Front fixing, 1 NC, 24 V 3 A, 220 V 230 V 240 V 6 A M22-K01

216384

Eaton Moeller® series M22 Contact element, Cage Clamp, Front fixing, 1 N/O, 24 V 3 A, 220 V 230 V 240 V 6 A

216380

Eaton Moeller® series M22 Con element, Screw terminals, Base f N/O, 24 V 3 A, 220 V 230 V 24 M22-KC10

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General specifications >

Product specifications >

GENERAL SPECIFICATIONS

PRODUCT NAME	Eaton Moeller® series M22 Housing
CATALOG NUMBER	216529
MODEL CODE	M22-I2-M1
EAN	4015082165291
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	70 mm
PRODUCT WIDTH	120 mm
PRODUCT WEIGHT	0.255 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	IEC 60947-5 UL 508 EN 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 VDE IEC/EN 60947-5 VDE 0660 CE CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CSA CSA Class No.: 3211-03 UL Category Control No.: NKCR UL File No.: E29184 CSA File No.: 012528 IEC/EN 60947 UL
CATALOG NOTES	Contacts with safety function, by positive opening t

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specificatio must be observed.
ENCLOSURE COLOR	Gray
NUMBER OF KEY SWITCHES	0
RAL-NUMBER	7035
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	115 V
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements

10.7 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specificatio must be observed.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to
DESIGN	Enclosure
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	24 V
NUMBER OF PILOT LIGHTS	0
NUMBER OF SWITCHES (SELECTOR)	0
INSCRIPTION	Inscribed
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	500 V
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
ACTUATING FORCE	5 N
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
BEZEL COLOR	Titanium
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
COLOR	Light gray
CONNECTION TO SMARTWIRE-DT	No
KNOB TRAVEL	5.7 mm
NUMBER OF COMMAND POSITIONS	2
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	220 V
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
KNOCKOUTS	1 x M20 (cable entry knockout at the side) 2 x M25/20 (cable entry knockouts at the side) 2 x M20 (cable entry knockouts at the base)
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND	

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
MOUNTING POSITION	As required
ACTUATOR FUNCTION	Momentary
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the inf instruction leaflet (IL) is observed.
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
NUMBER OF BUTTONS (MUSHROOM SHAPE)	0
OPERATING FREQUENCY	3600 Operations/h
PRODUCT CATEGORY	RMQ-Titan
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
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	Screw connection
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
DEGREE OF PROTECTION	IP67/IP69K NEMA 4X, 13
NUMBER OF PUSHBUTTONS	2
ACTUATOR COLOR	Green, red
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	115 V
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
SIZE	Front dimensions: 120 x 80 mm

ENCLOSURE MATERIAL	Plastic
TYPE	Pushbutton actuator
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	500 V
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	2
NUMBER OF LOCATIONS	2
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
LIFESPAN	5,000,000 mechanical Operations
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27 11 ms

Brochures

Catalogs

Certification reports

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

Specifications and datasheets

System overview

Wiring diagrams

216529

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.