

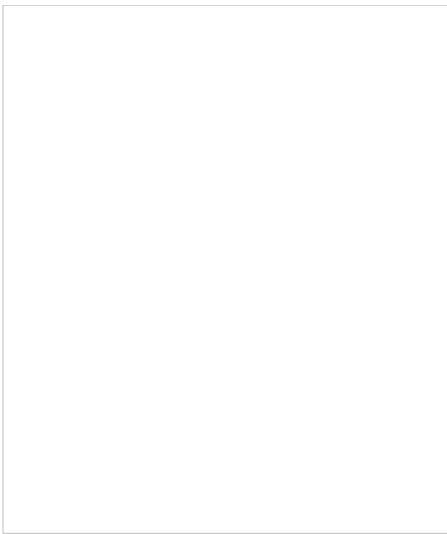
RMQ TITAN MODULAR PILOT DEVICES
216515


Overview


Specifications


Resources

How to



216515

Eaton Moeller® series M22 Emergency stop/emerg
pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm
release function, 1 NC, Red, yellow

[Contact me about this product](#)

Designed to work together

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

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

216374

Eaton Moeller® series M22 Mounting
clamp

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 Con
element, Cage Clamp, Front fixi
24 V 3 A, 220 V 230 V 240 V 6

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GENERAL SPECIFICATIONS

General specifications

>

PRODUCT NAME Eaton Moeller® series M22 Emergency stop/emerg
pushbutton

CATALOG NUMBER 216515

Product specifications

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MODEL CODE M22-PV/K01

EAN 4015082165154

PRODUCT LENGTH/DEPTH 90 mm

PRODUCT HEIGHT 38 mm

PRODUCT WIDTH 38 mm

PRODUCT WEIGHT 0.052 kg

CERTIFICATIONS CE
CSA File No.: 012528
IEC/EN 60947-5
CSA-C22.2 No. 14-05
UL
VDE 0660
CSA-C22.2 No. 94-91
IEC/EN 60947
UL Category Control No.: NKCR
CSA Class No.: 3211-03
UL 508
UL File No.: E29184
CSA
DNV
GL
LR

CATALOG NOTES Max. number of contacts: four M22-(C)K01, ...10 o
...20, ...11

PRODUCT SPECIFICATIONS

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

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

OPENING DIAMETER 22.5 mm

RATED OPERATIONAL VOLTAGE 24 V AC/DC (LED)

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 Built-in

10.2.5 LIFTING Does not apply, since the entire switchgear needs to

DESIGN Mushroom-shaped

| | |
|---|---|
| | Classical |
| LAMP VOLTAGE - MAX | 0 V |
| 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. |
| ILLUMINATION | Non-illuminated |
| ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1) | 4.8 mm |
| RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) | 1 kA |
| ACTUATING FORCE | 50 N |
| AMBIENT OPERATING TEMPERATURE - MAX | 70 °C |
| CLIMATIC PROOFING | Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
| FEATURES | Tamper-proof (according to ISO 13850, EN 418) |
| CONNECTION TO SMARTWIRE-DT | No |
| KNOB TRAVEL | 5.7 mm |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS | 0 W |
| 10.9.3 IMPULSE WITHSTAND VOLTAGE | Is the panel builder's responsibility. |
| BASE COLOR | Yellow |
| 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 |
| MOUNTING POSITION | As required |
| ACTUATOR FUNCTION | Pull-to-release |
| 10.13 MECHANICAL FUNCTION | The device meets the requirements, provided the 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) | 1 |
| 10.3 DEGREE OF PROTECTION OF ASSEMBLIES | Does not apply, since the entire switchgear needs to |
| ACTUATOR DIAMETER | 38 mm |

| | |
|---|--|
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID | 0.11 W |
| OPERATING FREQUENCY | 600 Operations/h |
| PRODUCT CATEGORY | RMQ-Titan |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID | 0 W |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| DIAMETER CAP | 38 mm |
| CONNECTION TYPE (AUXILIARY CIRCUIT) | Screw connection |
| 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 |
| LIFESPAN, MECHANICAL | 100,000 Operations |
| 10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH | Is the panel builder's responsibility. |
| OVERVOLTAGE CATEGORY | III |
| DEGREE OF PROTECTION | IP66 NEMA 4X, 13 |
| ACTUATOR COLOR | Red |
| POLLUTION DEGREE | 3 |
| 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: 35 mm |
| TYPE | Controlled stop pushbutton/emergency-stop button |
| 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. |
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
| UNLOCKING MEIHOD | Pull-release |
| SHOCK RESISTANCE | 50 g, Mechanical, According to IEC/EN 60068-2-27 11 ms Mechanical, According to IEC/EN 60068-2-27 |

Brochures

Catalogs

Certification reports

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

System overview

Wiring diagrams

216515



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.

