

**RMQ TITAN MODULAR PILOT DEVICES**  
**216613**

  
Overview

  
Specifications

  
Resources

**How to**

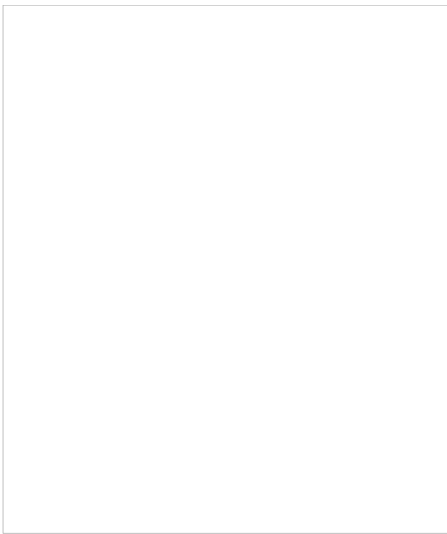


Photo is representative

# 216613

Eaton Moeller® series M22 Pushbutton, RMQ-Titanium  
Blank, Bezel: titanium

[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 Contact element, Cage Clamp, Front fixing, 1 N/O, 24 V 3 A, 220 V 230 V 240 V 6 A M22-K10

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## GENERAL SPECIFICATIONS

General specifications

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|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series M22 Pushbutton |
| <b>CATALOG NUMBER</b>       | 216613                               |
| <b>MODEL CODE</b>           | M22-DR-S                             |
| <b>EAN</b>                  | 4015082166137                        |
| <b>PRODUCT LENGTH/DEPTH</b> | 30 mm                                |
| <b>PRODUCT HEIGHT</b>       | 30 mm                                |
| <b>PRODUCT WIDTH</b>        | 30 mm                                |
| <b>PRODUCT WEIGHT</b>       | 0.011 kg                             |
| <b>COMPLIANCES</b>          | CE Marked                            |

Product specifications

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

## PRODUCT SPECIFICATIONS

|  |     |
|--|-----|
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 0 A |
|--|-----|

|                                   |  |
|-----------------------------------|--|
| <b>10.11 SHORT-CIRCUIT RATING</b> | Is the panel builder's responsibility. The specification must be observed. |
|-----------------------------------|--|

|                         |         |
|-------------------------|---------|
| <b>OPENING DIAMETER</b> | 22.5 mm |
|-------------------------|---------|

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|---|--|
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b> | Meets the product standard's requirements. |
|---|--|

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|--|--|
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b> | Is the panel builder's responsibility. The specification must be observed. |
|--|--|

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|-----------------------|--|
| <b>10.2.5 LIFTING</b> | Does not apply, since the entire switchgear needs to |
|-----------------------|--|

|               |      |
|---------------|------|
| <b>FINISH</b> | Flat |
|---------------|------|

|   |   |
|---|---|
| <b>DESIGN</b>   | Classical   |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b> | Meets the product standard's requirements.  |
| <b>AMBIENT STORAGE TEMPERATURE - MIN</b>                        | 40 °C   |
| <b>FRONT ELEMENT TYPE</b>                                       | Flat  |
| <b>FITTED WITH:</b>   | Front ring  |
| <b>INSCRIPTION</b>  | Blank   |
| <b>DEGREE OF PROTECTION (FRONT SIDE)</b>                        | IP67/IP69K<br>NEMA 4X   |
| <b>FORCE FOR POSITIVE OPENING - MIN</b>                         | 0 N   |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility.  |
| <b>ACTUATING FORCE</b>  | 5 N   |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                      | 70 °C   |
| <b>BEZEL COLOR</b>  | Titanium  |
| <b>CLIMATIC PROOFING</b>  | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30        |
| <b>CONNECTION TO SMARTWIRE-DT</b>                               | Yes<br>With SWD-RMQ connections   |
| <b>NUMBER OF COMMAND POSITIONS</b>                              | 1   |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>       | 0 W   |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | Is the panel builder's responsibility.  |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>                      | -25 °C  |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>   | Does not apply, since the entire switchgear needs to                                  |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                   | Does not apply, since the entire switchgear needs to                                  |
| <b>MOUNTING POSITION</b>  | As required   |
| <b>ACTUATOR FUNCTION</b>  | Maintained<br>Switching function latching   |
| <b>BUTTON COLOR</b>   | Black   |
| <b>10.13 MECHANICAL FUNCTION</b>                                | The device meets the requirements, provided the instruction leaflet (IL) is observed. |
| <b>10.2.6 MECHANICAL IMPACT</b>                                 | Does not apply, since the entire switchgear needs to                                  |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.  |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                  | Does not apply, since the entire switchgear needs to                                  |
| <b>HEAT DISSIPATION PER POLE CURRENT DEPENDENT</b>              |   |

|   |   |
|---|---|
| <b>HEAT DISSIPATION CAPACITY PVID, CURRENT DEPENDENT PVID</b>                           | 0 W   |
| <b>OPERATING FREQUENCY</b>  | 1800 Operations/h   |
| <b>PRODUCT CATEGORY</b>   | RMQ-Titan   |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>                               | 0 W   |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>  | 0 W   |
| <b>WIDTH OPENING</b>  | 0 mm  |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.  |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.  |
| <b>LIFESPAN, MECHANICAL</b>   | 1,000,000 Operations (AC operated)  |
| <b>BEZEL MATERIAL</b>   | Plastic   |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>   | Is the panel builder's responsibility.  |
| <b>DEGREE OF PROTECTION</b>   | IP66<br>NEMA 3R<br>IP69K<br>NEMA 12<br>IP67<br>NEMA 4X<br>NEMA 13                                       |
| <b>ACTUATOR COLOR</b>   | Black   |
| <b>OPENING HEIGHT</b>   | 0 mm  |
| <b>AMBIENT STORAGE TEMPERATURE - MAX</b>  | 80 °C   |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>                                | Is the panel builder's responsibility.  |
| <b>10.10 TEMPERATURE RISE</b>   | Not applicable.   |
| <b>FUNCTIONS</b>  | Stay-put/spring-return function can be changed on d   |
| <b>SIZE</b>   | Front dimensions: 22 x 22 mm  |
| <b>LENS TYPE</b>  | Round   |
| <b>TYPE</b>   | Pushbutton actuator   |
| <b>10.2.2 CORROSION RESISTANCE</b>  | Meets the product standard's requirements.  |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Please enquire  |
| <b>10.2.7 INSCRIPTIONS</b>  | Meets the product standard's requirements.  |
| <b>SHOCK RESISTANCE</b>   | Mechanical, According to IEC/EN 60068-2-27<br>30 g, Mechanical, According to IEC/EN 60068-2-27<br>11 ms |

Brochures

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Catalogs

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Certification reports

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Drawings

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eCAD model

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Installation instructions

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Installation videos

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mCAD model

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System overview

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216613



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.

