

RMQ TITAN MODULAR PILOT DEVICES  
216938

  
Overview

  
Specifications

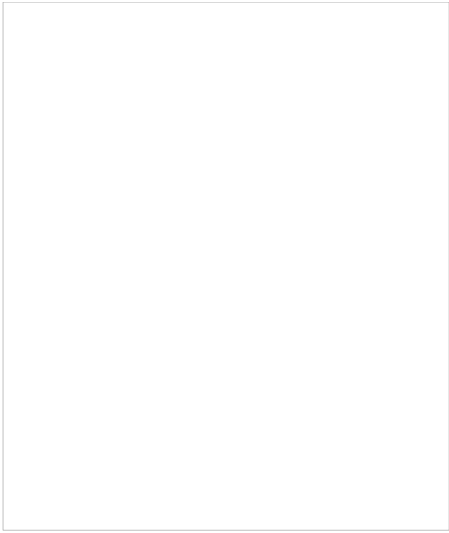
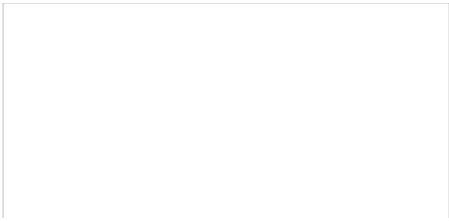
  
Resources

How to

## 216938

Eaton Moeller® series M22 Illuminated pushbutton  
Flush, momentary, green, inscribed, Bezel: titanium

[Contact me about this product](#)



## Designed to work together

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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

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### 216374

Eaton Moeller® series M22 Mounting clamp

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### 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

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### 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-K01

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## GENERAL SPECIFICATIONS

|                        |   |                             |  |
|------------------------|---|-----------------------------|--|
| General specifications | > | <b>PRODUCT NAME</b>         | Eaton Moeller® series M22 Illuminated pushbutton |
|                        |   | <b>CATALOG NUMBER</b>       | 216938   |
| Product specifications | > | <b>MODEL CODE</b>           | M22-DL-G-X1                                      |
|                        |   | <b>EAN</b>                  | 4015082169381                                    |
|                        |   | <b>PRODUCT LENGTH/DEPTH</b> | 30 mm  |
|                        |   | <b>PRODUCT HEIGHT</b>       | 30 mm  |
|                        |   | <b>PRODUCT WIDTH</b>        | 30 mm  |
|                        |   | <b>PRODUCT WEIGHT</b>       | 0.01 kg  |

## CERTIFICATIONS

UL Category Control No.: NKCR  
CSA Class No.: 3211-03  
CSA-C22.2 No. 14-05  
CSA-C22.2 No. 94-91  
IEC/EN 60947-5  
UL 508  
IEC/EN 60947  
VDE 0660  
CE  
CSA  
CSA File No.: 012528  
UL  
UL File No.: E29184  
DNV  
GL  
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  |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                        | Meets the product standard's requirements.                                 |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                           | Is the panel builder's responsibility. The specification must be observed. |
| <b>10.2.5 LIFTING</b>  | Does not apply, since the entire switchgear needs to be lifted.            |
| <b>DESIGN</b>  | Flush<br>Classical   |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>      | Meets the product standard's requirements.                                 |
| <b>FRONT ELEMENT TYPE</b>  | Flat   |

|   |   |
|---|---|
| <b>FITTED WITH:</b>   | Front ring  |
| <b>INSCRIPTION</b>  | Inscribed   |
| <b>DEGREE OF PROTECTION (FRONT SIDE)</b>                        | NEMA 4X<br>IP67/IP69K   |
| <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>  | Chrome  |
| <b>CLIMATIC PROOFING</b>  | Damp heat, cyclic, to IEC 60068-2-30<br>Damp heat, constant, to IEC 60068-2-78        |
| <b>FEATURES</b>   | Labelled  |
| <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>  | Spring-return<br>Momentary  |
| <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 PVID</b>        | 0 W   |
| <b>OPERATING FREQUENCY</b>                                      | 3600 Operations/h   |
| <b>PRODUCT CATEGORY</b>   | RMQ-Titan   |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-</b>                     | 0 W   |

|   |   |
|---|---|
| <b>DEPENDENT PVID</b>   |   |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>  | 0 W   |
| <b>SUITABLE FOR</b>   | Illumination  |
| <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>   | 5,000,000 Operations  |
| <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>   | NEMA 12<br>NEMA 3R<br>IP66<br>IP67<br>IP69K<br>NEMA 4X<br>NEMA 13                                       |
| <b>ACTUATOR COLOR</b>   | Green   |
| <b>OPENING HEIGHT</b>   | 0 mm  |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>                                | Is the panel builder's responsibility.  |
| <b>10.10 TEMPERATURE RISE</b>   | Not applicable.   |
| <b>SIZE</b>   | Front diameter: 29.7 mm   |
| <b>LENS TYPE</b>  | Round   |
| <b>TYPE</b>   | Illuminated 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>   | 30 g, Mechanical, According to IEC/EN 60068-2-27<br>11 ms<br>Mechanical, According to IEC/EN 60068-2-27 |

Brochures

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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216938



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.

