

**RMQ TITAN MODULAR PILOT DEVICES**  
**216657**

  
Overview

  
Specifications

  
Resources

**How to**

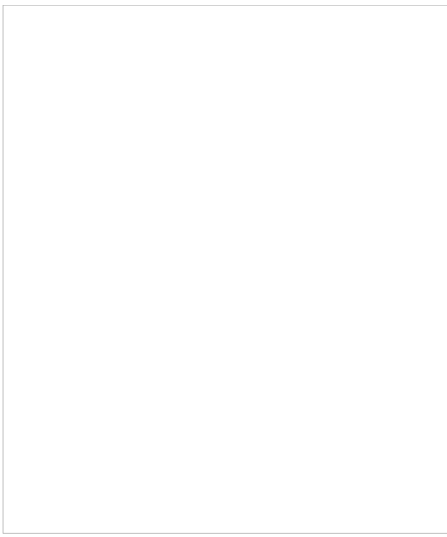


Photo is representative

# 216657

Eaton Moeller® series M22 Pushbutton, RMQ-Titanium, green, inscribed, 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-K01

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## GENERAL SPECIFICATIONS

General specifications

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<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Pushbutton
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Product specifications

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<b>CATALOG NUMBER</b>	216657
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<b>MODEL CODE</b>	M22-DH-G-X1
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<b>EAN</b>	4015082166571
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<b>PRODUCT LENGTH/DEPTH</b>	30 mm
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<b>PRODUCT HEIGHT</b>	35 mm
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<b>PRODUCT WIDTH</b>	30 mm
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<b>PRODUCT WEIGHT</b>	0.012 kg
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### CERTIFICATIONS

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

## PRODUCT SPECIFICATIONS

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
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<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications must be observed.
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<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 specifications must be observed.
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<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be lifted.
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<b>DESIGN</b>	Extended Classical
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<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
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<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	40 °C
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<b>FRONT ELEMENT TYPE</b>	High
<b>FITTED WITH:</b>	Front ring
<b>INSCRIPTION</b>	Inscribed
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP67/IP69K 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>	Chrome
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>FEATURES</b>	Labelled
<b>CONNECTION TO SMARTWIRE-DT</b>	Yes 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>	Momentary Spring-return
<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>	

<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>	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>	IP67 NEMA 4X IP66 NEMA 3R NEMA 13 NEMA 12 IP69K
<b>ACTUATOR COLOR</b>	Green
<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>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 30 g, Mechanical, According to IEC/EN 60068-2-27 11 ms

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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216657



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.

