

[United States](#) [Select your location](#)

[Sign in](#)

We make what matters work\*

[Products](#) [Digital Services](#) [Markets](#) [Support](#) [Company](#)

Search

[Products](#)

- [Actuators and motion control](#)
- [Backup power, UPS, surge & IT power distribution](#)
- [Clutches and brakes](#)
- [Conduit, cable & wire management](#)
- [Cylinders](#)
- [Differentials](#)
- [Ducting solutions](#)
- [Electrical circuit protection](#)
- [Electric vehicles and EV charging](#)
- [Electronic components](#)
  
- [Enclosures](#)
- [Energy storage systems](#)
- [Engine solutions](#)
- [Filtration solutions](#)
- [Fuel systems, emissions and components](#)
- [Furniture](#)
- [Golf grips](#)
- [Hose, tubing, fittings and connectors](#)
- [Hydraulic motors and generators](#)
  
- [Hydraulic power packs and accumulators](#)
- [Industrial controls, drives, automation and sensors](#)
- [Life support systems](#)
- [Lighting and controls](#)
- [Low-voltage power distribution & control systems](#)
- [Medium-voltage power distribution & control systems](#)
- [Plastics](#)
- [Process safety, automation, test and measurement](#)
- [Pumps](#)
  
- [Residential](#)
- [Safety, security & emergency communications](#)
- [Server racks, enclosures & airflow management](#)
- [Support systems](#)
- [Transmissions](#)
- [Utility & grid solutions](#)
- [Valves](#)
- [Wiring devices & connectivity](#)

[Digital](#)

- [Brightlayer Experience Hub](#)
- [Explore our digital catalog](#)
- [Discover Brightlayer](#)
- [Understanding Industry 4.0](#)

- [For developers](#)

#### [Services](#)

Close Search

#### [Markets](#)

Close Search

- [Aerospace](#)
- [Buildings](#)
- [Data centers](#)
- [Eaton Experience Centers](#)
- [Food and beverage](#)
- [Government and military](#)
- [Healthcare](#)
- [Machine building](#)
  
- [Marine](#)
- [Mining, metals and minerals](#)
- [Oil and gas](#)
- [Rail](#)
- [Renewables](#)
- [Residential](#)
- [Utilities](#)
  
- [Vehicles](#)

#### [Support](#)

Close Search

- [Contact technical support](#)
- [Download center](#)
- [How to buy](#)
- [Terms and conditions](#)
- [Tools](#)
- [Training and education](#)
- [Warranty and returns](#)

#### [Company](#)

Close Search

- [Overview](#)
- [About us](#)
- [News & insights](#)
- [Careers](#)
- [Investor relations](#)
- [Research & development](#)
  
- [Corporate governance](#)
- [Sustainability](#)
- [Inclusion & diversity](#)
- [Ethics & compliance](#)
- [Partnering with Eaton](#)
  
- [Selling to Eaton](#)

#### [MyEaton](#)

Close Search

#### Quick links



RMQ Titan modular pilot devices  
262510

[Overview](#) [Specifications](#) [Resources](#)

How to buy

[Back to search](#)

[Download](#) [Zoom](#)

Photo is representative

[Download](#) [Zoom](#)

## 262510

Eaton Moeller® series M22 Accessory Contact element, 1 N/C, 1 N/CL, Front fastening, Cage Clamp, Single contact, Front fixing

[Add a free sample to the cart](#) [Contact me about this product](#)

×



### Products cannot be sold together

Products in your cart cannot be sold together in one transaction. Please choose to either keep your existing cart, or create a new cart with this product.

You can purchase your products in separate transactions.

[Keep My Cart](#)

[Create a New Cart](#)

×



### Item is already in the cart.

Okay

Photo is representative

### Designed to work together

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

- [216532](#)

216532

Eaton Moeller® series M22 Housing, Pushbutton actuators, Enclosure, momentary, 3 NC, 3 N/O, Screw connection, Number of locations 3, Grey, inscribed, Bezel: titanium

- [216533](#)

216533

Eaton Moeller® series M22 Housing, Pushbutton actuators, Indicator lights, Enclosure, momentary, 2 NC, 2 N/O, Screw connection, Number of locations 2, Grey, inscribed, Bezel: titanium

- [216529](#)

216529

Eaton Moeller® series M22 Housing, Pushbutton actuators, Enclosure, momentary, 2 NC, 2 N/O, Screw connection, Number of locations 2, Grey, inscribed, Bezel: titanium

- [187799](#)

187799

Eaton Moeller® series M22 Housing, Controlled stop pushbuttons/emergency-stop buttons, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 1 NC, 1 N/O, Cage Clamp, Red, Yellow

- [187798](#)

187798

Eaton Moeller® series M22 Housing, Controlled stop pushbuttons/emergency-stop buttons, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 2 NC, Cage Clamp, Red, Yellow

- [197629](#)

197629

Eaton Moeller® series M22 Enclosure, Controlled stop pushbuttons/emergency-stop buttons, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 3 NC, Screw connection, Red, Yellow

[Go to Previous Item](#)

[Go to Next Item](#)

- [216532](#)

216532

Eaton Moeller® series M22 Housing, Pushbutton actuators, Enclosure, momentary, 3 NC, 3 N/O, Screw connection, Number of locations 3, Grey, inscribed, Bezel: titanium

- [216533](#)

216533

Eaton Moeller® series M22 Housing, Pushbutton actuators, Indicator lights, Enclosure, momentary, 2 NC, 2 N/O, Screw connection, Number of locations 2, Grey, inscribed, Bezel: titanium

- [216529](#)

216529

Eaton Moeller® series M22 Housing, Pushbutton actuators, Enclosure, momentary, 2 NC, 2 N/O, Screw connection, Number of locations 2, Grey, inscribed, Bezel: titanium

- [187799](#)

187799

Eaton Moeller® series M22 Housing, Controlled stop pushbuttons/emergency-stop buttons, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 1 NC, 1 N/O, Cage Clamp, Red, Yellow

- [187798](#)

187798

Eaton Moeller® series M22 Housing, Controlled stop pushbuttons/emergency-stop buttons, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 2 NC, Cage Clamp, Red, Yellow

- [197629](#)

197629

Eaton Moeller® series M22 Enclosure, Controlled stop pushbuttons/emergency-stop buttons, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 3 NC, Screw connection, Red, Yellow

[View more](#) [View less](#)

- [General specifications](#)
- [Product specifications](#)

## General specifications

Product Name

Eaton Moeller® series M22 Accessory Contact element

Catalog Number

262510

Model Code

M22-CK01D

EAN

4015082625108

Product Length/Depth

38 mm

Product Height

10 mm

Product Width

32 mm

Product Weight

0.01 kg

Certifications

CSA-C22.2 No. 14-05

CSA-C22.2 No. 94-91

UL Category Control No.: NKCR

CSA File No.: 012528

CSA Class No.: 3211-03

IEC/EN 60947-5

UL 508

IEC 60947-5-1

UL File No.: E29184

CE

CSA

UL

Catalog Notes

Contacts with safety function, by positive opening to IEC/EN 60947-5-1

## Product specifications

Rated operational current for specified heat dissipation (In)

6 A

Terminal capacity (flexible with ferrule)

0.5 - 1.5 mm<sup>2</sup>

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Lamp holder

None

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Mounting method

Front fastening

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

### 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.

Actuator travel and actuation force (DIN EN 60947-5-1)

4.8 mm

Rated conditional short-circuit current (I<sub>q</sub>)

1 kA

Terminal capacity (stranded)

0.5 - 2.5 mm<sup>2</sup>

Ambient operating temperature - max

70 °C

Climatic proofing

Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30

Knob travel

5.7 mm

Connection to SmartWire-DT

No

Lifespan, electrical

1,000,000 Operations (at 230 V, AC-15, 1 A)

700,000 Operations (at 230 V, AC-15, 3 A)

1,200,000 Operations (at 12 V, DC-13, 2.8 A)

1,600,000 Operations (at 230 V, 0.5 A)

Static heat dissipation, non-current-dependent P<sub>vs</sub>

0 W

Rated operational current (I<sub>e</sub>) at AC-15, 500 V

2 A

### 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Ambient operating temperature - min

-25 °C

### 10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

### 10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

Rated operational current (I<sub>e</sub>) at AC-15, 220 V, 230 V, 240 V

6 A

Electric connection type

Spring clamp connection

### 10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Rated operational current (I<sub>e</sub>) at DC-13, 42 V

1.7 A

### 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

### 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 be evaluated.

Heat dissipation per pole, current-dependent P<sub>vid</sub>

0.11 W

Rated operational current (I<sub>e</sub>) at AC-15, 380 V, 400 V, 415 V

4 A

Operating frequency

3600 Operations/h

Short-circuit protection

PKZM0-10/FAZ-B6/1, Contacts, Max. short-circuit protective device, Fuseless

Number of switches (fault signal)

0

Equipment heat dissipation, current-dependent P<sub>vid</sub>

0 W  
Heat dissipation capacity P<sub>diss</sub>  
0 W  
Rated operational current (I<sub>e</sub>) at DC-13, 60 V  
1.2 A  
Rated operational current (I<sub>e</sub>) at AC-15, 115 V  
6 A  
Terminal capacity (solid)  
0.75 - 2.5 mm<sup>2</sup>  
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  
Single contact  
Front fixing  
Cage Clamp  
Lifespan, mechanical  
5,000,000 Operations  
Rated operational current (I<sub>e</sub>) at DC-13, 220 V, 230 V  
0.3 A  
Number of contacts  
1 (normally closed, late break)  
10.9.2 Power-frequency electric strength  
Is the panel builder's responsibility.  
Control circuit reliability  
1 failure per 5,000,000 switching operations (statistically determined, at 5 VDC/1 mA)  
1 failure per 10,000,000 switching operations (Statistically determined, at 24 VDC/5 mA)  
Overvoltage category  
III  
Degree of protection  
IP20  
Pollution degree  
3  
10.7 Internal electrical circuits and connections  
Is the panel builder's responsibility.  
Actuating force - max  
5 N  
Rated impulse withstand voltage (U<sub>imp</sub>)  
6000 V AC  
10.10 Temperature rise  
The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  
10.2.2 Corrosion resistance  
Meets the product standard's requirements.  
10.2.4 Resistance to ultra-violet (UV) radiation  
Meets the product standard's requirements.  
10.2.7 Inscriptions  
Meets the product standard's requirements.  
Number of contacts (normally open contacts)  
0  
Short-circuit protection rating  
Max. 10 A gG/gL, Fuse, Contacts  
Model  
Top mounting  
Rated operational current (I<sub>e</sub>) at DC-13, 110 V  
0.8 A  
Number of contacts (change-over contacts)  
0  
Shock resistance  
30 g, Mechanical, according to IEC/EN 60068-2-27, Shock duration 11 ms  
Rated insulation voltage (U<sub>i</sub>)  
500 V  
Rated operational current (I<sub>e</sub>) at DC-13, 24 V  
3 A  
Serial Number Verified :

Authenticated: ✓

The product is verified as being authentic; however, this does not guarantee the condition or fit for purpose of the product.

## Brochures

- [RMQ Titan - brochure](#)
- [RMQ Flat Enclosure - Flyer](#)
- [RMQ MCI - Flyer](#)
- [RMQ Titan emergency stop push button - Flyer](#)
- [RMQ Small E-Stop - Flyer](#)

Download all files

## Catalogs

- [Flip catalog - Product Range Catalog - Command and indication](#)
- [Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers](#)

## Certification reports

- [DA-DC-00004176.pdf](#)
- [DA-DC-00004157.pdf](#)
- [DA-DC-00004141.pdf](#)
- [000Z425](#)
- [DA-DC-00004134.pdf](#)
- [DA-DC-00004135.pdf](#)
- [DA-DC-00004180.pdf](#)

## Drawings

- [eaton-operating-actuation-m22-led-element-dimensions.eps](#)
- [eaton-operating-contact-m22-contact-element-3d-drawing-004.eps](#)
- [eaton-general-standards-000Z425.jpg](#)
- [eaton-operating-devices-adapter-flow-diagram-003.eps](#)
- [eaton-operating-adapter-m22-contact-element-flow-diagram-002.eps](#)

Download all files

## eCAD model

- [ETN.M22-CK01D](#)

## Installation instructions

- [IL04716002Z](#)
- [eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf](#)

Download all files

## Installation videos

- [RMQ Flat Design](#)

## mCAD model

- [kontaktelement\\_cage\\_front.stp](#)
- [kontaktelement\\_cage\\_front](#)

Download all files

## System overview



- [Pilot devices - selection aid](#)

## Wiring diagrams

- [eaton-operating-contact-m22-contact-element-wiring-diagram-005.eps](#)

## Export product specification

•

X



Enter your city, state, or zip code or [Locate me](#)

Show locations that offer:

- Product pickup
- Order online and ship product

- 262510

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.

Company

- [About us](#)
- [Careers](#)
- [Inclusion and Diversity](#)
- [Investor relations](#)
- [Sustainability](#)
- [News and insights](#)
- [Slavery and human trafficking statement](#)

Quick links

- [Sign in](#)
- [Support](#)
- [Policies and statements](#)
- [Terms and conditions](#)
- [Responsible sourcing of conflict minerals](#)
- [Subscribe to emails](#)

Let's talk big ideas

•  
•  
•  
•

[View all social media](#)

- [Sitemap](#)
- [Privacy, cookies & data protection policy](#)
- [Do not sell my data request \(CCPA and other states\)](#)

© 2023 Eaton. All Rights Reserved.

Are you sure?

Are you sure?

Cancel

Sign out

×

×