

United States Select your location

Search parts, catalogs

Sign in

We make what matters work\*

Products Digital Services Markets Support Company

Search

Toggle Mobile Menu

Search

Search

Products

Close Search

- [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

Close Search

- [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  
173026

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

How to buy

Back to search

[Download](#) Zoom

[Download](#) Zoom

[Download](#) Zoom

[Download](#) Zoom

Previous

Next

Download

Zoom

- 
- 
- 
- 

Previous

Next

173026

Eaton Moeller® series M22 Combination of contact element and self-monitoring contact element M22-K01SMC10 with screw terminals, M22-A mounting adapter, and M22-XSMC signaling contact actuator., 1 N/O, 3 NC

[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

- General specifications
- Product specifications

## General specifications

Product Name  
 Eaton Moeller® series M22 Accessory Contact element  
 Catalog Number  
 173026  
 Model Code  
 M22-AK03SMC10  
 EAN  
 4015081696178  
 Product Length/Depth  
 40.2 mm  
 Product Height  
 32.5 mm  
 Product Width  
 47 mm  
 Product Weight  
 0.047 kg  
 Certifications  
 CSA-C22.2 No. 14-05  
 IEC 60947-5-1  
 IEC/EN 60947-5  
 UL  
 CE  
 UL 508  
 CSA Class No.: 3211-03  
 CSA-C22.2 No. 94-91  
 UL File No.: E340491  
 CSA  
 CSA File No.: 012528\_C\_000  
 UL Category Control No.: NISD

## Product specifications

Rated operational current for specified heat dissipation (In)  
 6 A  
 Terminal capacity (flexible with ferrule)  
 0.5 - 1.5 mm²  
 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  
 Operating torque  
 0.8 Nm  
 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  
 0 N  
 10.8 Connections for external conductors  
 Is the panel builder's responsibility.  
 Terminal capacity (stranded)  
 0.5 - 2.5 mm²

Ambient operating temperature - max  
70 °C

Climatic proofing

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

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

Connection to SmartWire-DT

No

Static heat dissipation, non-current-dependent Pvs  
0 W

Rated operational current (Ie) 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 (Ie) at AC-15, 220 V, 230 V, 240 V  
6 A

Electric connection type

Screw connection

10.13 Mechanical function

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

Rated operational current (Ie) 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)  
3

10.3 Degree of protection of assemblies

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

Heat dissipation per pole, current-dependent Pvid  
0.11 W

Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V  
4 A

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 Pvid  
0 W

Heat dissipation capacity Pdis  
0 W

Rated operational current (Ie) at DC-13, 60 V  
1.2 A

Rated operational current (Ie) 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

Front fixing

Screw connection

Rated operational current (Ie) at DC-13, 220 V, 230 V  
0.3 A

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

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

15 N

Rated impulse withstand voltage (Uimp)

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)

1

Short-circuit protection rating

Max. 10 A gG/gL, Fuse, Contacts

Model

Top mounting

Rated operational current (Ie) at DC-13, 110 V

0.6 A

Number of contacts (change-over contacts)

0


Rated insulation voltage (Ui)

500 V

Rated operational current (Ie) 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 MCI - Flyer](#)
- [RMQ Flat Enclosure - Flyer](#)
- [RMQ Titan emergency stop push button - Flyer](#)
- [RMQ Small E-Stop - Flyer](#)

Download all files

## Catalogs

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

## Certification reports

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

## Drawings

- [eaton-general-standards-000Z425.jpg](#)

## eCAD model

- [DA-CE-ETN.M22-AK03SMC10](#)

## Installation instructions

- [IL04716005Z](#)
- [IL04716002Z](#)

Download all files

## Installation videos

- [RMQ Flat Design](#)

## System overview

- [Pilot devices - selection aid](#)

## Wiring diagrams

- [eaton-operating-m22-contact-element-wiring-diagram-003.eps](#)

## Export product specification

- 

x



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

City, state

Search

Show locations that offer:

- ☐ Product pickup
- ☐ Order online and ship product

- 173026

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.

Back to top of the page

Are you sure?

Cancel Sign out

Are you sure?

Cancel Sign out

×

×