Specifications

# Eaton 216888




## Catalog Number: 216888

Eaton Moeller® series M22 Key-operated actuator, maintained, 2 positions, Key withdrawable: 0, I, Bezel: titanium M22-WRS-GVP

### General specifications

**Product Name**
Eaton Moeller® series M22 Key-operated actuator

**Catalog Number**
216888

**EAN**
4015082168889

**Product Length/Depth**
70 mm

**Product Height**
30 mm

**Product Width**
30 mm

**Product Weight**
0.031 kg

**Compliances**
CE

Powering Business Worldwide

## Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Fitted with:

Front ring

## General

Degree of protection

NEMA 4X, 13

Degree of protection (front side)

IP66

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Overvoltage category

III

Pollution degree

3

Size

Front diameter: 29.7 mm

## Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

## Actuator

Actuator color

Black

Actuator function

Switching function latching

Actuator type

Key

Number of switch positions

2

## Contacts

Force for positive opening - min

0 N

## Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

### Static heat dissipation, non-current-dependent Pvs

0 W

### 10.2.2 Corrosion resistance

Meets the product standard's requirements.

### 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

### 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.

### 10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

### 10.2.5 Lifting

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

### 10.2.6 Mechanical impact

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

### 10.2.7 Inscriptions

Meets the product standard's requirements.

### 10.3 Degree of protection of assemblies

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

### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

### 10.5 Protection against electric shock

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

### 10.6 Incorporation of switching devices and components

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

### 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

### 10.8 Connections for external conductors

Is the panel builder's responsibility.

### 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

## Resources

### Catalogs

eaton-rmq-titan-brochure-br047004en-en-us.pdf

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf

Flip catalog - Product Range Catalog - Command and indication

### Declarations of conformity

DA-DC-00004157.pdf

DA-DC-00004135.pdf

### Drawings

eaton-operating-key-operated-actuator-dimensions-005.eps

eaton-general-m22-standards.eps

eaton-general-m22-symbol.eps

eaton-general-approval-m22-symbol.eps

### eCAD model

ETN.216888.edz

### Installation instructions

IL04716002Z

### Installation videos

RMQ Flat Design

### mCAD model

DA-CD-schluesseltaste_ms

DA-CS-schluesseltaste_ms

### Multimedia

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

MCI Multicolor Light Indicator M22 with SmartWire-DT

### Sales notes

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

### System overview

Pilot devices - selection aid

### 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

### 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

### 10.10 Temperature rise

Not applicable.

### 10.11 Short-circuit rating

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

### 10.12 Electromagnetic compatibility

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

### 10.13 Mechanical function

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

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