

# Eaton 216515

Catalog Number: 216515

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 1 NC, Red, yellow



## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton	216515
	<b>Model Code</b>
	M22-PV/K01
<b>EAN</b>	<b>Product Length/Depth</b>
4015082165154	90 mm
<b>Product Height</b>	<b>Product Width</b>
38 mm	38 mm
<b>Product Weight</b>	<b>Certifications</b>
0.052 kg	CE
	CSA File No.: 012528
	IEC/EN 60947-5
	CSA-C22.2 No. 14-05
	UL
	VDE 0660
	CSA-C22.2 No. 94-91
	IEC/EN 60947
	UL Category Control No.: NKCR
	CSA Class No.: 3211-03
	UL 508
	UL File No.: E29184
	CSA
	DNV
	GL
	LR

## Type

Controlled stop pushbutton/emergency-stop button

## Actuator color

Red

## Features

Tamper-proof (according to ISO 13850, EN 418)

## Actuator function

Pull-to-release

### 10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

### 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.

### 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

## Catalogs

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

[eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

[eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

## Certification reports

000Z425

[DA-DC-00004180.pdf](#)

[DA-DC-00004141.pdf](#)

## Declarations of conformity

[DA-DC-00004971.pdf](#)

[DA-DC-00004975.pdf](#)

## Drawings

[eaton-operating-emergency-m22-dimensions-002.eps](#)

[eaton-general-m22-symbol.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

[eaton-operating-button-symbol-006.eps](#)

[eaton-operating-mounting-m22-3d-drawing-002.eps](#)

[eaton-general-m22-standards.eps](#)

## eCAD model

[ETN.M22-PV\\_K01](#)

## Installation instructions

[IL04716002Z](#)

## Installation videos

[RMQ Flat Design](#)

## mCAD model

[DA-CS-bg\\_pv\\_001](#)

[DA-CD-bg\\_pv\\_001](#)

## Multimedia

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

[RMQ small E-Stop emergency-stop button](#)

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.

#### 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.

#### Operating frequency

600 Operations/h

#### Pollution degree

3

#### Climatic proofing

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

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

#### Connection to SmartWire-DT

No

#### Illumination

Non-illuminated

#### Base color

Yellow

#### Actuating force

MCI Multicolor Light Indicator M22 with SmartWire-DT

MCI MultiColor Light Indicator RMQ compact solution

#### System overview

Pilot devices - selection aid

#### Wiring diagrams

[eaton-operating-contact-m22-wiring-diagram-002.eps](#)

50 N

Actuator diameter

38 mm

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

4.8 mm

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-25 °C

Diameter cap

38 mm

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

0 W

Force for positive opening - min

15 N

Heat dissipation capacity P<sub>diss</sub>

0 W

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

0.11 W

Knob travel

5.7 mm

Lamp voltage - max

0 V

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

0

Design

Mushroom-shaped

Classical

Mounting position

As required

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

1 kA

Connection type

Screw connection

Mounting method

Built-in

Overvoltage category

III

Connection type (auxiliary circuit)

Screw connection

Degree of protection

IP66

NEMA 4X, 13

Rated operational voltage

24 V AC/DC (LED)

Shock resistance

50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal  
shock 11 ms

Mechanical, According to IEC/EN 60068-2-27

Lifespan, mechanical

100,000 Operations

Unlocking method

Pull-release

Opening diameter

22.5 mm

Rated operational current for specified heat dissipation (I<sub>n</sub>)

6 A

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

0 W

Product category

RMQ-Titan

Size

Front dimensions: 35 mm



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