

# Eaton 104826

Catalog Number: 104826

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Key-release, Red, yellow, RAL 3000, Suitable for master key systems

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton	104826
<b>Product Height</b>	<b>Product Length/Depth</b>
38 mm	93 mm
<b>Product Weight</b>	<b>Product Width</b>
0.06 kg	38 mm
	<b>Certifications</b>
	CSA
	CSA-C22.2 No. 14-05
	VDE 0660
	UL Category Control No.: NKCR
	UL
	CSA Class No.: 3211-03
	CSA-C22.2 No. 94-91
	CE
	CSA File No.: 012528
	IEC/EN 60947-5
	UL File No.: E29184
	IEC/EN 60947
	UL 508
	DNV
	GL
	LR

## Features & Functions

### Bezel color

Other

### Base color

Yellow

### Bezel material

Other

### Color

Red

### Design

Mushroom-shaped

Classical

### Features

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

### Illumination

Non-illuminated

### RAL-number

3000

### Unlocking method

Key-release

## Ambient conditions, mechanical

### Mounting position

As required

### Shock resistance

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

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

## Communication

### Connection to SmartWire-DT

No

## General

### Accessories

2 keys included with supplied equipment.

### Degree of protection

IP67/IP69K

NEMA 4X, 13

### Lifespan, mechanical

100,000 Operations

### Opening diameter

22.5 mm

### Operating frequency

600 Operations/h

### Product category

RMQ-Titan

### Size

Front dimensions: 35 mm

### Suitable for

Emergency stop

Master key systems

### Type

Controlled stop pushbutton/emergency-stop button

## Climatic environmental conditions

### Ambient operating temperature - min

-25 °C

### Ambient operating temperature - max

70 °C

### Climatic proofing

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

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

## Actuator

### Actuating force

50 N

### Actuator color

Red

Actuator diameter

38 mm

Actuator function

Key-release

Switching function latching

## Contacts

Force for positive opening - min

0 N

## Design verification

Equipment heat dissipation, current-dependent  $P_{vid}$

0 W

Heat dissipation capacity  $P_{diss}$

0 W

Heat dissipation per pole, current-dependent  $P_{vid}$

0 W

Rated operational current for specified heat dissipation ( $I_n$ )

0 A

Static heat dissipation, non-current-dependent  $P_{vs}$

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.

#### 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.

## Resources

### Catalogs

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

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

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

### Certification reports

[000Z425](#)

### Drawings

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

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

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

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

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

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

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

### eCAD model

[ETN.104826.edz](#)

### Installation instructions

[IL04716005Z.pdf](#)

[IL04716002Z](#)

### Installation videos

[RMQ Flat Design](#)

### mCAD model

[DA-CD-not\\_aus\\_sa](#)

[DA-CS-not\\_aus\\_sa](#)

### Multimedia

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

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[MCI MultiColor Light Indicator RMQ compact solution](#)

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

### Product notifications

[MZ047002ZU-DEEN.pdf](#)

### Sales notes

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

[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](#)

System overview

Pilot devices - selection aid



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