

# Eaton 217437

Catalog Number: 217437

Eaton Moeller® series M22 Changeover switch, RMQ-Titan, With thumb-grip, maintained, 3 positions, selectable, Bezel: black

## General specifications



Photo is representative

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series M22 Changeover switch	217437
<b>Product Height</b>	<b>Product Length/Depth</b>
30 mm	46 mm
<b>Product Weight</b>	<b>Product Width</b>
0.013 kg	30 mm
	<b>Certifications</b>
	CSA File No.: 012528
	CSA
	CSA-C22.2 No. 94-91
	UL 508
	IEC/EN 60947
	IEC/EN 60947-5
	VDE 0660
	CE
	CSA-C22.2 No. 14-05
	UL File No.: E29184
	CSA Class No.: 3211-03
	UL Category Control No.: NKCR
	UL
	DNV
	GL
	LR

## Type

Selector switch actuator

## Actuator color

Black

## Actuator function

Switching function latching

Maintained

## 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.

## 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.

## Catalogs

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

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

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

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

[eaton-rmq-flat-enclosure-flyer-fl047003en-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](#)

## Drawings

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

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

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

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

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

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

## eCAD model

[DA-CE-ETN.M22S-WRK3-\\_-](#)

## Installation instructions

[IL0471600Z](#)

## Installation videos

[RMQ Flat Design](#)

## mCAD model

[DA-CD-wahltaste](#)

[DA-CS-wahltaste](#)

[DA-CD-wahltaste\\_knebel](#)

[DA-CS-wahltaste\\_knebel](#)

## Multimedia

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

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

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

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

## System overview

[Pilot devices - selection aid](#)

### 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.

### Fitted with:

Front ring

Plunger bridge for the middle contact

### Operating frequency

2000 Operations/h

### Climatic proofing

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

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

### Connection to SmartWire-DT

With SWD-RMQ connections

Yes

### Actuator type

Toggle

### Ambient operating temperature - max

70 °C

### Ambient operating temperature - min

-25 °C

Ambient storage temperature - max

80 °C

Ambient storage temperature - min

40 °C

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

0 W

Force for positive opening - min

0 N

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

0 W

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

0 W

Opening diameter

22.5 mm

Opening height

0 mm

Operating torque

0.3 Nm

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

0 A

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

0 W

Width opening

0 mm

Bezel color

Black

Shock resistance

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

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

Bezel material

Plastic

Design

With thumb-grip

Classical

Mounting position

As required

#### Degree of protection

NEMA 4X, 13

#### Degree of protection (front side)

IP66

#### Functions

Stay-put/spring-return function, can be changed with coding parts M22-XC-Y

#### Indicator color

Other

#### Lens type

Round

#### Lifespan, mechanical

100,000 Operations

#### Number of switch positions

3

#### Size

Front diameter: 29.7 mm

#### Product category

RMQ-Titan



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