

Eaton 216881

Catalog Number: 216881

Eaton Moeller® series M22 Key-operated actuator, momentary, 2 positions, Key withdrawable: 0, Bezel: titanium

General specifications



Product Name

Eaton Moeller® series M22 Key-operated actuator

Catalog Number

216881

Model Code

M22-WS

EAN

4015082168810

Product Length/Depth

70 mm

Product Height

30 mm

Product Width

30 mm

Product Weight

0.034 kg

Compliances

CE Marked

Certifications

EN 60947-5

CSA Std. C22.2 No. 14-05

UL 508

CSA Std. C22.2 No. 94-91

IEC 60947-5

VDE

VDE 0660

CSA

CSA-C22.2 No. 94-91

CSA File No.: 012528

IEC/EN 60947

UL File No.: E29184

CSA Class No.: 3211-03

CSA-C22.2 No. 14-05

CE

IEC/EN 60947-5

UL

Product specifications

Type

Key-operated button

Accessories

1 key included with supplied equipment.

Actuator color

Black

Actuator function

Spring-return

Key withdrawable in position 0

Momentary

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

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-approval-m22-symbol.eps](#)

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

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

eCAD model

[ETN.216881.edz](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CS-schluesseltaste_ms](#)

[DA-CD-schluesseltaste_ms](#)

Multimedia

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

[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](#)

Sales notes

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

Specifications and datasheets

[Eaton Specification Sheet - 216881](#)

System overview

evaluated.

Pilot devices - selection aid

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.

Fitted with:

Front ring

Operating frequency

100 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

Yes

With SWD-RMQ connections

Actuator type

Key

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-25 °C

Equipment heat dissipation, current-dependent Pvid

0 W

Force for positive opening - min

0 N

Heat dissipation capacity Pdis

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Opening diameter

22.5 mm

Opening height

0 mm

Operating torque

0.5 Nm

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0 W

Switching angle

40 °

Width opening

0 mm

Bezel color

Titanium

Shock resistance

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

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

Bezel material

Plastic

Design

Key operated

Classical

Mounting position

As required

Overvoltage category

III

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

2

Size

Front diameter: 29.7 mm

Product category

RMQ-Titan



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia