

Eaton 216881

Catalog Number: 216881

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

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Key-operated actuator	216881
	Model Code
	M22-WS
	Product Length/Depth
	70 mm
Product Height	Product Width
30 mm	30 mm
Product Weight	Compliances
0.034 kg	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

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

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](#)

Certification reports

[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-standards.eps](#)

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

eCAD model

[ETN.216881.edz](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CD-schluesseltaste_ms](#)

[DA-CS-schluesseltaste_ms](#)

Multimedia

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

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

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

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

Sales notes

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

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

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

[eaton-rmq-small-e-stop-flyer-fl047006en-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 P_{vid}

0 W

Force for positive opening - min

0 N

Heat dissipation capacity P_{diss}

0 W

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

0 W

Opening diameter

22.5 mm

Opening height

0 mm

Operating torque

0.5 Nm

Rated operational current for specified heat dissipation (I_n)

0 A

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

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



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