

Eaton 216526

Catalog Number: 216526

Eaton Moeller® series M22 Key-operated actuator, maintained, 2 positions 0, I, Bezel: titanium, 1 NC, 1 N/O, Enclosure

General specifications



Product Name

Eaton Moeller® series M22 Key-operated actuator

Catalog Number

216526

Model Code

M22-WRS/KC11/I

EAN

4015082165260

Product Length/Depth

130 mm

Product Height

70 mm

Product Width

72 mm

Product Weight

0.2 kg

Certifications

CE
IEC/EN 60947
UL 508
CSA Class No.: 3211-03
IEC/EN 60947-5
UL File No.: E29184
CSA
CSA File No.: 012528
CSA-C22.2 No. 94-91
CSA-C22.2 No. 14-05
UL
UL Category Control No.: NKCR
VDE 0660

Product specifications

Type

- Housing
- Key-operated button

Accessories

- 1 key included with supplied equipment.

Actuator function

- Key withdrawable in position 0
- Key withdrawable in position 1
- Maintained

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.

Resources

Catalogs

- [eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)
- [Flip catalog - Product Range Catalog - Command and indication](#)
- [eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

Declarations of conformity

- [DA-DC-00004135.pdf](#)
- [DA-DC-00004157.pdf](#)

Drawings

- [eaton-operating-m22-key-operated-actuator-dimensions.eps](#)
- [eaton-operating-button-symbol-007.eps](#)
- [eaton-general-approval-m22-symbol.eps](#)
- [eaton-general-m22-standards.eps](#)
- [eaton-general-m22-symbol.eps](#)

eCAD model

- [ETN.M22-WRS_KC11_I](#)

Installation instructions

- [IL04716003Z](#)
- [IL04716002Z](#)

Installation videos

- [RMQ Flat Design](#)

mCAD model

- [bg_ws_aufbaug](#)
- [bg_ws_aufbaug.stp](#)

Multimedia

- [easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)
- [MCI MultiColor Light Indicator RMQ compact solution](#)
- [RMQ small E-Stop emergency-stop button](#)
- [MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

Sales notes

- [eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)
- [eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)
- [eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)
- [eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

Specifications and datasheets

[System overview](#)

[Pilot devices - selection aid](#)

[Wiring diagrams](#)

[eaton-operating-contact-m22-key-operated-actuator-wiring-diagram.eps](#)

[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.

[Operating frequency](#)

100 Operations/h

[Climatic proofing](#)

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

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

[Connection to SmartWire-DT](#)

No

[Enclosure material](#)

Plastic

[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

Equipment heat dissipation, current-dependent Pvid

0 W

Force for positive opening - min

20 N

Heat dissipation capacity Pdis

0 W

Heat dissipation per pole, current-dependent Pvid

0.11 W

Knob travel

5.7 mm

Number of actuation directions

2

Number of buttons (mushroom shape)

0

Number of command positions

1

Number of contacts (change-over contacts)

0

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

1

Number of key switches

1

Number of locations

1

Number of pilot lights

0

Number of pushbuttons

0

Enclosure color

Gray

Bezel color

Titanium

Number of switches (selector)

1

Operating torque

0.5 Nm

RAL-number

7035

Rated control supply voltage (Us) at AC, 50 Hz - max

500 V

Rated control supply voltage (Us) at AC, 50 Hz - min

115 V

Rated control supply voltage (Us) at AC, 60 Hz - max

500 V

Rated control supply voltage (Us) at AC, 60 Hz - min

115 V

Rated control supply voltage (Us) at DC - max

220 V

Rated control supply voltage (Us) at DC - min

24 V

Rated operational current for specified heat dissipation (In)

6 A

Static heat dissipation, non-current-dependent Pvs

0 W

Switching angle

60 °

Product category

RMQ-Titan

Size

Front diameter: 29.7 mm

Color

Light gray

Design

Enclosure

Mounting position

As required

Rated conditional short-circuit current (Iq)

1 kA

Connection type

Screw connection

Degree of protection

IP66

NEMA 4X, 13

Functions

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

Knockouts

2 x M25/20 (cable entry knockouts at the side)

1 x M20 (cable entry knockout at the side)

2 x M16 (cable entry knockouts at the base)

Lifespan

100,000 mechanical Operations

Shock resistance

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

shock 11 ms

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



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