Specifications

Eaton 216902



Catalog Number: 216902

Eaton Moeller® series M22 Key-operated actuator, maintained, 3 positions, 0, II, Bezel: titanium

General specifications

Product Name
Eaton Moeller® series M22 Key-operated actuator

Catalog Number
216902

EAN
4015082169022

Product Length/Depth
70 mm

Product Height
30 mm

Product Width
30 mm

Product Weight
0.032 kg

Certifications
CE

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Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Fitted with:

Front ring

General

Degree of protection

NEMA 4X, 13

Degree of protection (front side)

IP66

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Overvoltage category

III

Pollution degree

3

Size

Front diameter: 29.7 mm

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Actuator

Actuator color

Black

Actuator function

Switching function latching

Actuator type

Key

Number of switch positions

3

Contacts

Force for positive opening - min

0 N

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

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.

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-00004135.pdf

DA-DC-00004157.pdf

Drawings

eaton-operating-m22-key-operated-actuator-dimensions-002.eps

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.216902.edz

Installation instructions

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CD-schluesseltaste_ms

DA-CS-schluesseltaste_ms

Multimedia

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

MCI Multicolor Light Indicator M22 with SmartWire-DT

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

Sales notes

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

Specifications and datasheets

Eaton Specification Sheet - 216902

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.

System overview

Pilot devices - selection aid

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