Specifications

Eaton 216885

Catalog Number: 216885

Eaton Moeller® series M22 Key-operated actuator, momentary, 2 positions 0, Bezel: titanium, Suitable for master key systems

Especificaciones generales

Product Name
Eaton Moeller® series M22 Key-operated actuator

Catalog Number
216885

Product Length/Depth
70 mm

Product Height
30 mm

Product Width
30 mm

Product Weight
0.034 kg

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

Model Code
M22-WS-SA(*)-*

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Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Design

Key operated

Fitted with:

Front ring

General

Accessories

2 keys included with supplied equipment.

Degree of protection

NEMA 4X, 13

Degree of protection (front side)

IP66

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Operating frequency

100 Operations/h

Operating torque

0.5 Nm

Overvoltage category

III

Pollution degree

3

Product category

RMQ-Titan

Size

Front diameter: 29.7 mm

Suitable for

Master key systems

Switching angle

40 °

Type

Key-operated button

Ambient conditions, mechanical

Mounting position

As required

Shock resistance

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

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

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

Climatic proofing

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

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

Communication

Connection to SmartWire-DT

Yes

With SWD-RMQ connections

Actuator

Actuator color

Black

Actuator function

Momentary

Spring-return

Key withdrawable in position 0

Actuator type

Key

Number of switch positions

2

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.

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.

Recursos

Dibujos

eaton-operating-m22-key-operated-actuator-dimensions-003.eps

eCAD model

ETN.216885.edz

Instrucciones de montaje

IL04716002Z

mCAD model

DA-CS-schluesseltaste_sa

DA-CD-schluesseltaste_sa

Multimedia

RMQ small E-Stop emergency-stop button

Notificaciones de fin de vida

MZ047002ZU-DEEN.pdf

System overview

Pilot devices - selection aid

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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