Product specifications

Eaton 216867

Catalog Number: 216867

Eaton Moeller® series M22 Changeover switch, RMQ-Titan, With thumb-grip, maintained, 2 positions, Bezel: titanium

General specifications

Product Name
Eaton Moeller® series M22 Changeover switch

Catalog Number
216867

Model Code
M22-WRK

EAN
4015082168674

Product Length/Depth
46 mm

Product Height
30 mm

Product Width
30 mm

Product Weight
0.013 kg

Compliances
CE Marked

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

Powering Business Worldwide

Merkmale und Funktionen

Bezel color

Titanium

Bezel material

Plastic

Color

Black

Design

With thumb-grip

Classical

Fitted with:

Front ring

Functions

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

Allgemein

Degree of protection

NEMA 4X, 13

Degree of protection (front side)

IP66

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Operating frequency

2000 Operations/h

Size

Front diameter: 29.7 mm

Switching angle

60 °

Type

Selector switch actuator

Type

Selector switch actuator

Umgebungsbedingungen, Mechanik

Mounting position

As required

Shock resistance

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

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

Klimatische Umweltbedingungen

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Ambient storage temperature - min

40 °C

Ambient storage temperature - max

80 °C

Climatic proofing

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

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

Kommunikation

Connection to SmartWire-DT

Betätigungselement

Actuator color

With SWD-RMQ connections

Yes

Black

Actuator function

Maintained

Switching function latching

Actuator type

Toggle

Number of switch positions

2

Ansprechpartner

Force for positive opening - min

0 N

Bauartnachweis

Heat dissipation capacity Pdiss

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.

10.13 Mechanical function

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

Resources

Brochures

RMQ Titan - brochure

RMQ MCI - Flyer

RMQ Titan emergency stop push button - Flyer

RMQ Small E-Stop - Flyer

RMQ Flat Enclosure - Flyer

Catalogues

Flip catalog - Product Range Catalog - Command and indication

Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers

Certification reports

DA-DC-00004135.pdf

DA-DC-00004157.pdf

Drawings

eaton-operating-switch-m22-dimensions-002.eps

eaton-operating-switch-m22-dimensions.eps

eaton-operating-switch-m22-changeover-switch-3d-drawing-002.eps

eaton-general-m22-standards.eps

eaton-general-approval-m22-symbol.eps

eaton-general-m22-symbol.eps

eCAD model

ETN.M22-WRK

Installation instructions

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CS-wahltaste_knebel

DA-CD-wahltaste_knebel

System overview

Pilot devices - selection aid

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

Eaton.com/socialmedia