Product specifications

Eaton 216619

Catalog Number: 216619

Eaton Moeller® series M22 Pushbutton, RMQ-Titan, Flat, maintained, green, Blank, Bezel: titanium

General specifications

Product Name
Eaton Moeller® series M22 Pushbutton

Catalog Number
216619

EAN
4015082166199

Product Length/Depth
30 mm

Product Height
30 mm

Product Width
30 mm

Product Weight
0.011 kg

Compliances
CE Marked

Certifications

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

Features & Functions

Bezel color
Chrome

Bezel material
Plastic

Design
Flat
Classical

Fitted with:
Front ring

Functions
Stay-put/spring-return function can be changed on device

Inscription
Blank

General

Degree of protection
NEMA 13
NEMA 4X
IP66
IP67
IP69K
NEMA 12
NEMA 3R

Degree of protection (front side)
NEMA 4X
IP67/IP69K

Lifespan, mechanical
1,000,000 Operations (AC operated)

Opening diameter
22.5 mm

Operating frequency
1800 Operations/h

Product category
RMQ-Titan

Product category
RMQ-Titan

Size
Front dimensions: 22 x 22 mm

Type
Pushbutton actuator

Ambient conditions, mechanical

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

Climatic environmental conditions

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, 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

Actuating force

5 N

Actuator color

Green

Actuator function

Switching function latching

Maintained

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.

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 Flat Enclosure - Flyer

RMQ Small E-Stop - Flyer

Catalogs

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

Flip catalog - Product Range Catalog - Command and indication

Certification reports

DA-DC-00004135.pdf

DA-DC-00004157.pdf

Drawings

eaton-operating-pushbutton-m22-dimensions-003.eps

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

eaton-operating-pushbutton-m22-dimensions-004.eps

eaton-operating-samrtwire-m22-3d-drawing.eps

eaton-general-m22-standards.eps

eaton-operating-button-symbol-004.eps

eaton-general-approval-m22-symbol.eps

eaton-general-m22-symbol.eps

Installation instructions

IL04716002Z

Installation videos

RMQ Flat Design

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

Eaton.com/socialmedia