Eaton 216702

Catalog Number: 216702

Eaton Moeller® series M22 Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights non-flush, momentary, White lens, green, red, inscribed, Bezel: titanium, START/STOP

General specifications

Product Name

Eaton Moeller® series M22 Double actuator pushbutton

Catalog Number

216702

EAN

4015082167028

Model Code

M22-DDL-GR-GB1/GB0

Product Length/Depth

30 mm

Product Height

55 mm

Product Width

30 mm

Product Weight

0.015 kg

Certifications

CSA-C22.2 No. 94-91

IEC/EN 60947

UL File No.: E29184

UL Category Control No.: NKCR

CSA

UL 508

CSA-C22.2 No. 14-05

CSA File No.: 012528

UL

CE

CSA Class No.: 3211-03

IEC/EN 60947-5

VDE 0660

DNV

GL

LR

Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Design

Non-Flush

Classical

Features

Labelled

Fitted with:

Front ring

Inscription

Inscribed

Lens color

White

General

Degree of protection

NEMA 12

IP66

NEMA 3R

NEMA 4X

NEMA 13

Degree of protection (front side)

IP66

NEMA 4X

Lifespan, mechanical

200,000 Operations

Opening diameter

22.5 mm

Operating frequency

3600 Operations/h

Product category

RMQ-Titan

Size

Front dimensions: 29,7 x 54,7 mm

Suitable for

Illumination

Type

Double 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, constant, to IEC 60068-2-78

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

Communication

Connection to SmartWire-DT

Yes

With SWD-RMQ connections

Contacts

Force for positive opening - min

0 N

Actuator

Actuating force

5 N

Actuator color

Green, red

Actuator function

Spring-return

Momentary

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

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

Certification reports

0000SPC-183

0000SPC-179

Declarations of conformity

DA-DC-00004135.pdf

DA-DC-00004157.pdf

Drawings

116X194

eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions.eps

eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions-002.eps

116X107

Drawings

0000SPC-180

eaton-general-approval-m22-symbol.eps

eaton-general-m22-standards.eps

eaton-operating-button-m22-double-actuator-pushbutton-symbol-003.eps

1160SPC-25

eaton-general-m22-symbol.eps

eCAD model

ETN.M22-DDL-GR-GB1_GB0

ETN.216702.edz

Installation instructions

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CS-doppeldrucktaste_normal_normal

DA-CD-doppeldrucktaste_normal_normal

eaton-cadenas-front_view-doppeldrucktaste_normal_normal_front.pra

eaton-cadenas-side_view-doppeldrucktaste_normal_normal_side.pra

eaton-cadenas-path-temp-doppeldrucktaste_normal_normal.3db

Multimedia

MCI Multicolor Light Indicator M22 with SmartWire-DT

MCI MultiColor Light Indicator RMQ compact solution

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

RMQ small E-Stop emergency-stop button

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

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

System overview

Pilot devices - selection aid