

Eaton 216700

Catalog Number: 216700

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



Photo is representative

General specifications

Product Name

Eaton Moeller® series M22 Double actuator pushbutton

Catalog Number

216700

EAN

4015082167004

Model Code

M22-DDL-GR-X1/X0

Product Length/Depth

30 mm

Product Height

55 mm

Product Width

30 mm

Product Weight

0.015 kg

Certifications

IEC/EN 60947-5

CSA Class No.: 3211-03

UL

CSA File No.: 012528

UL File No.: E29184

CSA-C22.2 No. 94-91

IEC/EN 60947

CE

UL 508

CSA-C22.2 No. 14-05

UL Category Control No.: NKCR

VDE 0660

CSA

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 4X

NEMA 12

NEMA 3R

NEMA 13

IP66

Degree of protection (front side)

NEMA 4X

IP66

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

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

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

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

With SWD-RMQ connections

Yes

Actuator

Actuating force

5 N

Actuator color

Green, red

Actuator function

Momentary

Spring-return

Contacts

Force for positive opening - min

0 N

Design verification

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

Rated operational current for specified heat dissipation (I_n)

0 A

Static heat dissipation, non-current-dependent P_{vs}

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-179](#)

[0000SPC-183](#)

Declarations of conformity

[DA-DC-00004135.pdf](#)

[DA-DC-00004157.pdf](#)

Drawings

[116X194](#)

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions-002.eps](#)

[116X107](#)

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions.eps](#)

Drawings

[eaton-general-m22-standards.eps](#)

[1160SPC-24](#)

[eaton-operating-button-m22-double-actuator-pushbutton-symbol-002.eps](#)

[0000SPC-180](#)

[eaton-general-approval-m22-symbol.eps](#)

[eaton-general-m22-symbol.eps](#)

eCAD model

[ETN.216700.edz](#)

[ETN.M22-DDL-GR-X1_X0](#)

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

[RMQ small E-Stop emergency-stop button](#)

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

[MCI MultiColor Light Indicator RMQ compact solution](#)

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](#)

System overview

[Pilot devices - selection aid](#)



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