

Eaton 216706

Catalog Number: 216706

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



Photo is representative

General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Double actuator pushbutton	216706
	EAN
	4015082167066
Model Code	Product Length/Depth
M22-DDL-WS-X1/X0	30 mm
Product Height	Product Width
55 mm	30 mm
Product Weight	Certifications
0.015 kg	CSA
	UL File No.: E29184
	CSA Class No.: 3211-03
	IEC/EN 60947
	UL 508
	CSA-C22.2 No. 14-05
	CE
	CSA File No.: 012528
	CSA-C22.2 No. 94-91
	VDE 0660
	IEC/EN 60947-5
	UL
	UL Category Control No.: NKCR
	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 13

IP66

NEMA 12

NEMA 4X

NEMA 3R

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
Black and white

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](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

Certification reports

[0000SPC-183](#)

[0000SPC-179](#)

Declarations of conformity

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

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

Drawings

[116X194](#)

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

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

[116X107](#)

Drawings

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

[0000SPC-180](#)

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

[1160SPC-27](#)

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

[eaton-operating-button-m22-double-actuator-pushbutton-symbol-005.eps](#)

eCAD model

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

[ETN.216706.edz](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CS-doppeldrucktaste_normal_normal](#)

[eaton-cadenas-side_view-doppeldrucktaste_normal_normal_side.pra](#)

[eaton-cadenas-path-temp-doppeldrucktaste_normal_normal.3db](#)

DA-CD-doppeldrucktaste_normal_normal

eaton-cadenas-front_view-doppeldrucktaste_normal_normal_front.pra

Multimedia

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

MCI MultiColor Light Indicator RMQ compact solution

RMQ small E-Stop emergency-stop button

MCI Multicolor Light Indicator M22 with SmartWire-DT

Sales notes

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

[eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

[eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)

System overview

Pilot devices - selection aid



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