

Eaton 216635

Catalog Number: 216635

Eaton Moeller® series M22 Pushbutton, RMQ-Titan, Flat, maintained, White, inscribed, Bezel: black

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Pushbutton	216635

Model Code	EAN
M22S-DR-W-X1	4015082166359

Product Length/Depth	Product Height
30 mm	30 mm

Product Width	Product Weight
30 mm	0.011 kg

Certifications

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

Product specifications

Type

Pushbutton actuator

Actuator color

White

Features

Labelled

Actuator function

Maintained

Switching function latching

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.

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.

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](#)

Declarations of conformity

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

[116C090](#)

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

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

[eaton-operating-samrtwire-m22-3d-drawing.eps](#)

eCAD model

[ETN.216635.edz](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CS-drucktaste_flach](#)

[DA-CD-drucktaste_flach](#)

Multimedia

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

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

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

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

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](#)

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.

Fitted with:

Front ring

Operating frequency

1800 Operations/h

Climatic proofing

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

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

Connection to SmartWire-DT

With SWD-RMQ connections

Yes

Actuating force

5 N

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

[Specifications and datasheets](#)

[Eaton Specification Sheet - 216635](#)

[System overview](#)

[Pilot devices - selection aid](#)

-25 °C

Ambient storage temperature - max

80 °C

Ambient storage temperature - min

40 °C

Equipment heat dissipation, current-dependent P_{vid}

0 W

Force for positive opening - min

0 N

Heat dissipation capacity P_{diss}

0 W

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

0 W

Number of command positions

1

Opening diameter

22.5 mm

Opening height

0 mm

Rated operational current for specified heat dissipation (I_n)

0 A

Bezel color

Black

Shock resistance

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

shock 11 ms

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

Bezel material

Plastic

Design

Flat

Classical

Mounting position

As required

Degree of protection

IP69K

NEMA 12

NEMA 13

IP66

NEMA 4X
NEMA 3R
IP67

Degree of protection (front side)

NEMA 4X
IP67/IP69K

Inscription

Inscribed

Front element type

Flat

Functions

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

Lens type

Round

Lifespan, mechanical

1,000,000 Operations (AC operated)

Static heat dissipation, non-current-dependent Pvs

0 W

Width opening

0 mm

Product category

RMQ-Titan

Size

Front dimensions: 22 x 22 mm



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Eaton House
30 Pembroke Road
Dublin 4, Ireland
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