

Eaton 216954

Catalog Number: 216954

Eaton Moeller® series M22 Illuminated pushbutton actuator, RMQ-Titan, Flush, maintained, Without button plate, Bezel: titanium



General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Illuminated pushbutton actuator	216954
	Model Code
	M22-DRL-X
EAN	Product Length/Depth
4015082169541	30 mm
Product Height	Product Width
30 mm	30 mm
Product Weight	Compliances
0.012 kg	CE Marked

Certifications

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

Product specifications

Rated operational current for specified heat dissipation (In)

0 A

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Opening diameter

22.5 mm

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

Design

Flush

Classical

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Front element type

Flat

Fitted with:

Front ring

Degree of protection (front side)

IP67/IP69K

NEMA 4X

Force for positive opening - min

0 N

10.8 Connections for external conductors

Is the panel builder's responsibility.

Actuating force

5 N

Ambient operating temperature - max

70 °C

Bezel color

Resources

Brochures

[RMQ Titan - brochure](#)

[RMQ Flat Enclosure - Flyer](#)

[RMQ MCI - Flyer](#)

[RMQ Titan emergency stop push button - 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-004.eps](#)

[eaton-operating-actuation-m22-dimensions-002.eps](#)

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

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

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

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

eCAD model

[ETN.M22-DRL-X](#)

Installation instructions

[IL0471600Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CD-drucktaste_ohne_tastenplatte](#)

[DA-CS-drucktaste_ohne_tastenplatte](#)

System overview

[Pilot devices - selection aid](#)

Chrome

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

Number of command positions

1

Static heat dissipation, non-current-dependent Pvs

0 W

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Ambient operating temperature - min

-25 °C

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

Mounting position

As required

Actuator function

Switching function latching

Maintained

Button color

Not applicable

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

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

0 W

Operating frequency

1800 Operations/h

Product category

RMQ-Titan

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Suitable for

Illumination

Width opening

0 mm

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.

Lifespan, mechanical

1,000,000 Operations (AC operated)

Bezel material

Plastic

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

IP69K

NEMA 4X

IP67

NEMA 12

NEMA 13

IP66

NEMA 3R

Actuator color

Without button plate

Opening height

0 mm

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.10 Temperature rise

Not applicable.

Functions

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

Size

Front diameter: 29.7 mm

Lens type

Round

Type

Illuminated pushbutton actuator

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2.7 Inscriptions

Meets the product standard's requirements.

Shock resistance

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

30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal
shock 11 ms



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