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Eaton Moeller® series M22 Illuminated pushbutton actuator, RMQ-Titan, Flush, maintained, White, inscribed 1, Bezel: titanium

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- General specifications
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General specifications

Product Name
Eaton Moeller® series M22 Illuminated pushbutton actuator
Catalog Number
216963
Model Code
M22-DRL-W-X1
EAN
4015082169633
Product Length/Depth
30 mm
Product Height
30 mm
Product Width
30 mm
Product Weight
0.012 kg
Certifications

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

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
Inscription
Inscribed
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
Chrome
Climatic proofing
Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30
Features
Labelled
Connection to SmartWire-DT
Yes
With SWD-RMQ connections
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
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 Pvid
0 W
Operating frequency
1800 Operations/h
Product category
RMQ-Titan
Equipment heat dissipation, current-dependent Pvid
0 W
Heat dissipation capacity Pdiss
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
NEMA 4X
IP66
IP69K
NEMA 12
NEMA 13
IP67
NEMA 3R
Actuator color
White
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
Serial Number Verified :

Authenticated: ✔
The product is verified as being authentic; however, this does not guarantee the condition or fit for purpose of the product.

Brochures

- [RMQ Titan - brochure](#)
- [RMQ MCI - Flyer](#)
- [RMQ Flat Enclosure - Flyer](#)
- [RMQ Titan emergency stop push button - Flyer](#)
- [RMQ Small E-Stop - Flyer](#)

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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-general-m22-standards.eps](#)
- [eaton-operating-samrtwire-m22-3d-drawing.eps](#)
- [116C090](#)

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eCAD model

- [ETN.M22-DRL-W-X1](#)

Installation instructions

- [IL04716002Z](#)

Installation videos

- [RMQ Flat Design](#)

mCAD model

- [DA-CD-drucktaste_flach](#)
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- [Pilot devices - selection aid](#)

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