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279419

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279419

Eaton Moeller® series M22 Changeover switch, RMQ-Titan, With rotary head, maintained, 4 positions, inscribed, Bezel: titanium

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Eaton Moeller® series M22 Surface mounting enclosure, 12 mounting locations

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General specifications

Product Name
Eaton Moeller® series M22 Changeover switch
Catalog Number
279419
Model Code
M22-WR4
EAN
4015082794194
Product Length/Depth
45 mm
Product Height
30 mm
Product Width
30 mm
Product Weight
0.016 kg
Compliances
CE Marked
Certifications
EN 60947-5
CSA Std. C22.2 No. 14-05
UL 508
IEC 60947-5
CSA Std. C22.2 No. 94-91
VDE
CSA Class No.: 3211-03
IEC/EN 60947-5
CE
CSA-C22.2 No. 94-91
CSA-C22.2 No. 14-05
VDE 0660
CSA File No.: 012528
UL
UL Category Control No.: NKCR
UL File No.: E29184
CSA
IEC/EN 60947

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.

Operating torque

0.3 Nm

10.2.5 Lifting

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

Design

With rotary head

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Ambient storage temperature - min

40 °C

Fitted with:

Front ring

Inscription

Inscribed

Degree of protection (front side)
IP66
Force for positive opening - min
0 N
10.8 Connections for external conductors
Is the panel builder's responsibility.
Actuator type
Turn button
Ambient operating temperature - max
70 °C
Bezel color
Titanium
Climatic proofing
Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30
Color
Black
Indicator color
Other
Connection to SmartWire-DT
With SWD-RMQ connections
Yes
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.
Used with
M22-A4 fixing adapter
Mounting position
As required
Actuator function
Maintained
Switching function latching
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
2000 Operations/h
Product category
RMQ-Titan
Equipment heat dissipation, current-dependent Pvid
0 W
Heat dissipation capacity Pdis
0 W
Accessories
Rotary head
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
100,000 Operations
Bezel material
Plastic
Number of switch positions
2
10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
Degree of protection
NEMA 4X, 13
Actuator color
Black
Opening height
0 mm
Ambient storage temperature - max
80 °C

10.7 Internal electrical circuits and connections
Is the panel builder's responsibility.

10.10 Temperature rise
Not applicable.

Size
Front diameter: 29.7 mm

Lens type
Round


Type
Selector switch 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 Small E-Stop - Flyer](#)
- [RMQ MCI - Flyer](#)
- [RMQ Titan emergency stop push button - Flyer](#)
- [RMQ Flat Enclosure - 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-switch-m22-changeover-switch-dimensions.eps](#)
- [eaton-operating-switch-m22-changeover-switch-dimensions-002.eps](#)

- [eaton-operating-switch-m22-changeover-switch-3d-drawing.eps](#)
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- [ETN.M22-WR4](#)

Installation instructions

- [IL04716002Z](#)

Installation videos

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mCAD model

- [DA-CS-wahltaste_4_fach](#)
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