

Eaton 216745

Catalog Number: 216745

Eaton Moeller® series M22 Mushroom actuator, RMQ-Titan, Mushroom, maintained, Mushroom red, red, Blank, Bezel: titanium

General specifications



Photo is representative

Product Name	Catalog Number
Eaton Moeller® series M22 Mushroom actuator	216745
	Model Code
	M22-DRP-R
EAN	Product Length/Depth
4015082167455	37 mm
Product Height	Product Width
43 mm	37 mm
Product Weight	Compliances
0.016 kg	CE Marked

Certifications

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

Product specifications

Type

Mushroom-headed pushbutton

Actuator color

Red

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.

10.2.7 Inscriptions

Meets the product standard's requirements.

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-00004135.pdf](#)

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

Drawings

[116X100](#)

[116X201](#)

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

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

Drawings

[eaton-operating-button-symbol-006.eps](#)

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

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

[116C061](#)

[0000SPC-180](#)

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

eCAD model

[ETN.216745.edz](#)

[ETN.M22-DRP-R](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

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

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

[DA-CD-pilzdrucktaste](#)

[eaton-cadenas-front_view-pilzdrucktaste_front.pra](#)

[DA-CS-pilzdrucktaste](#)

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

Button color

Red

Climatic proofing

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

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

Connection to SmartWire-DT

With SWD-RMQ connections

Yes

Actuating force

5 N

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

Multimedia

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

RMQ small E-Stop emergency-stop button

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

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

System overview

[Pilot devices - selection aid](#)

-25 °C

Ambient storage temperature - max

80 °C

Ambient storage temperature - min

40 °C

Diameter cap

36.5 mm

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

Opening diameter

22.5 mm

Opening height

0 mm

Rated operational current for specified heat dissipation (I_n)

0 A

Bezel color

Titanium

Shock resistance

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

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

Bezel material

Plastic

Design

Mushroom-shaped

Classical

Mounting position

As required

Degree of protection

IP67/IP69K

NEMA 4X, 13

Inscription

Blank

Front element type

Flat

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

Supply voltage lamp

0 V

Unlocking method

None



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com
© 2025 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia