

Eaton 216712

Catalog Number: 216712

Eaton Moeller® series M22 Mushroom actuator, RMQ-Titan, Mushroom, momentary, Mushroom black, black, Blank, Bezel: titanium

General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Mushroom actuator	216712
	Model Code
	M22-DP-S
EAN	Product Length/Depth
4015082167127	37 mm
Product Height	Product Width
43 mm	37 mm
Product Weight	Compliances
.016 kg	CE Marked

Certifications

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

Mushroom-shaped

Classical

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Ambient storage temperature - min

40 °C

Front element type

Flat

Fitted with:

Front ring

Inscription

Blank

Force for positive opening - min

0 N

10.8 Connections for external conductors

Is the panel builder's responsibility.

Supply voltage lamp

0 V

Actuating force

5 N

Resources

Brochures

[RMQ Titan - brochure](#)

[RMQ MCI - Flyer](#)

[RMQ Flat Enclosure - 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

[0000SPC-183](#)

[DA-DC-00004135.pdf](#)

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

[0000SPC-179](#)

Drawings

[116X100](#)

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

[116X201](#)

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

[eaton-operating-button-symbol-005.eps](#)

[0000SPC-180](#)

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

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

[116C060](#)

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

eCAD model

[ETN.M22-DP-S](#)

Installation instructions

[IL04716002Z](#)

mCAD model

[DA-CD-pilzdrucktaste](#)

[DA-CS-pilzdrucktaste](#)

Specifications and datasheets

[Eaton Specification Sheet - 216712](#)

System overview

Ambient operating temperature - max

70 °C

Bezel color

Chrome

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

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

Spring-return

Momentary

Button color

Black

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

3600 Operations/h

Product category

RMQ-Titan

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Diameter cap

36.5 mm

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

5,000,000 Operations

Bezel material

Plastic

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

IP67/IP69K

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 dimensions: 22 x 22 mm

Lens type

Round

Type

Mushroom-headed pushbutton

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.

Unlocking method

None

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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