

Eaton 216820

Catalog Number: 216820

Eaton Moeller® series M22 Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, momentary, 2 positions, Blue, Bezel: titanium

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Illuminated selector switch actuator	216820
	Model Code
	M22-WLK-B
EAN	Product Length/Depth
4015082168209	46 mm
Product Height	Product Width
30 mm	30 mm
Product Weight	Compliances
0.013 kg	CE Marked

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

Product specifications

Type

Illuminated selector switch actuator

Accessories

Thumb grip

Actuator color

Black

Actuator function

Momentary

Spring-return

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.

Resources

Catalogs

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

Declarations of conformity

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

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

Drawings

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

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

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

[eaton-operating-symbol-002.eps](#)

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

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

eCAD model

[ETN.216820.edz](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CS-wahltaste_knebel](#)

[DA-CD-wahltaste_knebel](#)

Multimedia

[RMQ small E-Stop emergency-stop button](#)

[MCI MultiColor Light Indicator RMQ compact solution](#)

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

Sales notes

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

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

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

Specifications and datasheets

10.2.7 Inscriptions

Meets the product standard's requirements.

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

2000 Operations/h

Pollution degree

3

Climatic proofing

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

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

Connection to SmartWire-DT

Yes

With SWD-RMQ connections

Actuator type

Toggle

Ambient operating temperature - max

System overview

Pilot devices - selection aid

70 °C

Ambient operating temperature - min

-25 °C

Equipment heat dissipation, current-dependent Pvid

0 W

Force for positive opening - min

0 N

Heat dissipation capacity Pdis

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Opening diameter

22.5 mm

Opening height

0 mm

Operating torque

0.3 Nm

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0 W

Switching angle

40 °

Width opening

0 mm

Bezel color

Titanium

Shock resistance

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

shock 11 ms

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

Color

Blue

Bezel material

Plastic

Design

With thumb-grip

Mounting position

As required

Overvoltage category

III

Degree of protection

NEMA 4X, 13

Degree of protection (front side)

IP66

Functions

Stay-put/spring-return function, can be changed with coding parts M22-XC-Y

Indicator color

Blue

Lens type

Round

Lifespan, mechanical

100,000 Operations

Number of switch positions

2

Size

Front diameter: 29.7 mm

Product category

RMQ-Titan

Suitable for

Illumination



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Eaton.com

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