

Eaton 279431

Catalog Number: 279431

Eaton Moeller® series M22 Selector switch, RMQ-Titan, With thumb-grip, maintained, 4 positions, Bezel: titanium



Photo is representative

General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Selector switch	279431
	EAN
	4015082794316
Model Code	Product Length/Depth
M22-WRK4	45 mm
Product Height	Product Width
30 mm	30 mm
Product Weight	Compliances
0.016 kg	CE Marked
Certifications	
EN 60947-5	
CSA Std. C22.2 No. 14-05	
IEC 60947-5	
CSA Std. C22.2 No. 94-91	
UL 508	
VDE	
IEC/EN 60947-5	
VDE 0660	
CSA Class No.: 3211-03	
UL	
UL File No.: E29184	
CE	
CSA	
CSA File No.: 012528	
CSA-C22.2 No. 94-91	
CSA-C22.2 No. 14-05	
IEC/EN 60947	

Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Color

Black

Design

With thumb-grip

Fitted with:

Front ring

General

Accessories

Thumb-grip

Degree of protection

NEMA 4X, 13

Degree of protection (front side)

IP66

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Operating frequency

2000 Operations/h

Operating torque

0.3 Nm

Overvoltage category

III

Pollution degree

3

Product category

RMQ-Titan

Size

Front diameter: 29.7 mm

Type

Selector switch actuator

Used with

M22 -A4 fixing adapter

Ambient conditions, mechanical

Mounting position

As required

Shock resistance

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

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

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Ambient storage temperature - min

40 °C

Ambient storage temperature - max
80 °C

Climatic proofing

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

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

Communication

Connection to SmartWire-DT

With SWD-RMQ connections

Yes

Actuator

Actuator color

Black

Actuator function

Maintained

Switching function latching

Actuator type

Toggle

Number of switch positions

4

Contacts

Force for positive opening - min

0 N

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdis

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0 W

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.

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.

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

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](#)

Certification reports

[0000SPC-183](#)

[0000SPC-179](#)

Declarations of conformity

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

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

Drawings

[116X196](#)

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

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

[116X115](#)

Drawings

[116I266](#)

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

[eaton-operating-switch-m22-changeover-switch-3d-drawing-002.eps](#)

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

[0000SPC-180](#)

[116C252](#)

[116Z029](#)

[eaton-operating-button-m22-changeover-switch-symbol-006.eps](#)

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

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

eCAD model

[ETN.M22-WRK4](#)

[ETN.279431.edz](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[eaton-cadenas-side_view-wahltaste_knebel_4_fach_side.pra](#)

switchgear must be observed.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

[eaton-cadenas-front_view-wahltaste_knebel_4_fach_front.pra](#)

[DA-CS-wahltaste_knebel_4_fach](#)

[DA-CD-wahltaste_knebel_4_fach](#)

[eaton-cadenas-path-temp-wahltaste_knebel_4_fach.3db](#)

Multimedia

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

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

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

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

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](#)

System overview

[Pilot devices - selection aid](#)



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](#)