

Eaton 216520

Catalog Number: 216520

Eaton Moeller® series M22 Changeover switch, RMQ-Titan, With thumb-grip, maintained, 3 positions, 2 N/O, Bezel: titanium

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Changeover switch	216520
	Model Code
	M22-WRK3/K20
EAN	Product Length/Depth
4015082165208	130 mm
Product Height	Product Width
30 mm	30 mm
Product Weight	Certifications
0.037 kg	UL
	UL File No.: E29184
	CSA File No.: 012528
	IEC/EN 60947
	CSA
	CSA-C22.2 No. 14-05
	CE
	CSA Class No.: 3211-03
	CSA-C22.2 No. 94-91
	IEC/EN 60947-5
	UL 508
	UL Category Control No.: NKCR
	VDE 0660
	DNV
	GL
	LR

Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Design

With thumb-grip

Classical

Electric connection type

Screw connection

Fitted with:

Front ring

Functions

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

General

Degree of protection

IP66

NEMA 12

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Operating frequency

2000 Operations/h

Operating torque

0.3 Nm

Product Category

RMQ-Titan

Product Category

RMQ-Titan

Size

Front diameter: 29.7 mm

Switching angle

60 °

Type

Selector switch actuator

Ambient conditions, mechanical

Mounting position

As required

Shock resistance

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

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

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Climatic proofing

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

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

Electrical rating

Supply voltage - max

0 V

Actuator

Connection to SmartWire-DT

No

Connection type
Screw connection

Contacts

Actuator color
Black

Actuator function
Maintained
Switching function latching

Actuator type
Toggle

Number of switch positions
3

Cable

Force for positive opening - min
0 N

Number of contacts (change-over contacts)
0

Number of contacts (normally closed contacts)
0

Number of contacts (normally open contacts)
2

Resources

Brochures
[RMQ Titan - brochure](#)
[RMQ Flat Enclosure - Flyer](#)
[RMQ Small E-Stop - Flyer](#)
[RMQ MCI - Flyer](#)
[RMQ Titan emergency stop push button - Flyer](#)

Catalogues
[Flip catalog - Product Range Catalog - Command and indication](#)
[Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers](#)

Certification reports
[DA-DC-00004135.pdf](#)
[DA-DC-00004157.pdf](#)

Drawings
[eaton-operating-actuation-m22-dimensions.eps](#)
[eaton-operating-switch-m22-changeover-switch-dimensions.eps](#)
[eaton-general-m22-standards.eps](#)
[eaton-general-m22-symbol.eps](#)
[eaton-general-approval-m22-symbol.eps](#)
[eaton-operating-m22-changeover-switch-3d-drawing.eps](#)

eCAD model
[ETN.M22-WRK3_K20](#)

Installation instructions
[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CD-bg_wk_200](#)

[DA-CS-bg_wk_200](#)

System overview

[Pilot devices - selection aid](#)

Wiring diagrams

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



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