

Eaton 216865

Catalog Number: 216865

Eaton Moeller® series M22 Changeover switch, RMQ-Titan, With thumb-grip, momentary, 2 positions, Bezel: titanium

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Changeover switch	216865
	Model Code
	M22-WK
EAN	Product Length/Depth
4015082168650	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
IEC 60947-5
UL 508
EN 60947-5
VDE
IEC/EN 60947-5
VDE 0660
UL
CSA
CSA-C22.2 No. 14-05
CSA-C22.2 No. 94-91
UL Category Control No.: NKCR
CSA Class No.: 3211-03
CE
CSA File No.: 012528
IEC/EN 60947

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.

Operating torque

0.3 Nm

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

Design

With thumb-grip

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Ambient storage temperature - min

-40 °C

Fitted with:

Front ring

Degree of protection (front side)

IP66

Force for positive opening - min

0 N

10.8 Connections for external conductors

Is the panel builder's responsibility.

Actuator type

Toggle

Ambient operating temperature - max

70 °C

Bezel color

Resources

Brochures

RMQ Titan - brochure

RMQ Small E-Stop - Flyer

RMQ Titan emergency stop push button - Flyer

RMQ MCI - Flyer

RMQ Flat Enclosure - Flyer

Catalogs

Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers

Flip catalog - Product Range Catalog - Command and indication

Certification reports

DA-DC-00004157.pdf

DA-DC-00004135.pdf

Drawings

eaton-operating-switch-m22-dimensions-002.eps

eaton-operating-switch-m22-dimensions.eps

eaton-general-m22-symbol.eps

eaton-general-approval-m22-symbol.eps

eaton-operating-switch-m22-changeover-switch-3d-drawing-002.eps

eaton-general-m22-standards.eps

eCAD model

ETN.M22-WK

Installation instructions

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CD-wahltaste_knebel

DA-CS-wahltaste_knebel

System overview

Pilot devices - selection aid

Titanium

Climatic proofing

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

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

Indicator color

Other

Connection to SmartWire-DT

Yes

With SWD-RMQ connections

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

White

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

2000 Operations/h

Product category

RMQ-Titan

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Accessories

Thumb grip

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

100,000 Operations

Bezel material

Plastic

Switching angle

40 °

Number of switch positions

2

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

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.

Functions

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

Size

Front diameter: 29.7 mm

Lens type

Round

Type

Selector switch actuator

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.

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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