

Eaton 216870

Catalog Number: 216870

Eaton Moeller® series M22 Changeover switch, RMQ-Titan, With thumb-grip, momentary, 3 positions, Bezel: titanium

General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Changeover switch	216870
	EAN
	4015081833559
Product Length/Depth	Product Height
46 mm	30 mm
Product Width	Product Weight
30 mm	.013 kg
Compliances	Certifications
CE Marked	UL 508
	CSA Std. C22.2 No. 94-91
	CSA Std. C22.2 No. 14-05
	EN 60947-5
	IEC 60947-5
	VDE
	CSA Class No.: 3211-03
	CSA-C22.2 No. 94-91
	IEC/EN 60947-5
	CSA File No.: 012528
	CSA-C22.2 No. 14-05
	UL
	CSA
	UL Category Control No.: NKCR
	UL File No.: E29184
	CE
	IEC/EN 60947
	VDE 0660



Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Color

White

Black

Design

With thumb-grip

Fitted with:

Front ring

Plunger bridge for the middle contact

Functions

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

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

.3 Nm

Product category

RMQ-Titan

Size

Front diameter: 29.7 mm

Switching angle

40 °

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

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

Momentary

Spring-return

Actuator type

Toggle

Number of switch positions

3

Contacts

Force for positive opening - min

0 N

Design verification

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

Rated operational current for specified heat dissipation (I_n)

0 A

Static heat dissipation, non-current-dependent P_{vs}

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 switchgear must be observed.

10.13 Mechanical function

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

Do pobrania

2D drawings

[116X115](#)

[116X196](#)

[116I266](#)

[0000SPC-180](#)

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

Modele 3D

[DA-CS-wahltaste_knebel](#)

[DA-CD-wahltaste_knebel](#)

Instruction/installation leaflet

[IL04716002Z](#)



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