

Eaton 289195

Catalog Number: 289195

Eaton Moeller® series M22 Joystick, with one operating point per operating direction, With plastic shaft, 2 positions, Bezel: titanium, momentary, Horizontal

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Joystick	289195
Model Code	EAN
M22-WJ2H	4015082891954
Product Length/Depth	Product Height
100 mm	30 mm
Product Width	Product Weight
30 mm	0.028 kg
Compliances	Certifications
CE Marked	EN 60947-5
	CSA Std. C22.2 No. 14-05
	UL 508
	IEC 60947-5
	CSA Std. C22.2 No. 94-91
	VDE
	CE
	IEC/EN 60947
	VDE 0660
	UL
	CSA File No.: 012528
	UL Category Control No.: NKCR
	CSA-C22.2 No. 14-05
	IEC/EN 60947-5
	UL File No.: E29184
	CSA-C22.2 No. 94-91
	CSA
	CSA Class No.: 3211-03

Features & Functions

Bezel color

Titanium

Bezel material

Plastic

Fitted with:

Plastic shaft

Retraction in 0-position

Filament bulb (24 V)

Front ring

General

Accessories

Plastic shaft

Degree of protection

IP66

NEMA 4X, 13

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Operating frequency

2000 Operations/h

Product Category

RMQ-Titan

Type

Joystick

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, constant, to IEC 60068-2-78

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

Electrical rating

Rated operational current (I_e) at AC-21, 400 V, 415 V

0 A

Communication

Connection to SmartWire-DT

Yes

With SWD-RMQ connections

Actuator

Actuating force

5 N

Actuator function

Contacts

Force for positive opening - min

0 N

Horizontal
Momentary

Number of actuation directions

2

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.

Resources

Catalogues

Flip catalog - Product Range Catalog - Command and indication

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

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

Certification reports

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

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

Drawings

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

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

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

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

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

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

eCAD model

[ETN.289195.edz](#)

Installation instructions

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CS-joystick_2_fach](#)

[DA-CD-joystick_2_fach](#)

Multimedia

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

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

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

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

Sales notes

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

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

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

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

System overview



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