

Specifications

Eaton 289241



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

Photo is representative



General specifications

PRODUCT NAME	Eaton Moeller® series M22 Joystick
CATALOG NUMBER	289241
MODEL CODE	M22S-WRJ2H
EAN	4015082892418
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.038 kg
CERTIFICATIONS	UL Category Control No.: NKCR CSA-C22.2 No. 14-05 CSA Class No.: 3211-03 UL VDE 0660 CSA CE UL 508 CSA File No.: 012528 IEC/EN 60947 UL File No.: E29184 CSA-C22.2 No. 94-91 IEC/EN 60947-5
GLOBAL CATALOG	289241

Product specifications

TYPE	Joystick
PRODUCT CATEGORY	RMQ-Titan
ACTUATOR FUNCTION	Horizontal Maintained
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.
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.

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](#)

DECLARATIONS OF CONFORMITY

[eaton-key-operated-actuator-declaration-of-conformity-eu250865en.pdf](#)

[eaton-pushbutton-declaration-of-conformity-eu250858en.pdf](#)

[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-operating-symbol-m22-joystick-symbol-003.eps](#)

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

DRAWINGS

ECAD MODEL

[ETN.289241.edx](#)

FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

INSTALLATION INSTRUCTIONS

[IL04716002Z](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

MCAD MODEL

[DA-CD-joystick 2 fach](#)

[DA-CS-joystick 2 fach](#)

MULTIMEDIA

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

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.
FITTED WITH:	Plastic shaft Filament bulb (24 V) Front ring
OPERATING FREQUENCY	2000 Operations/h
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	With SWD-RMQ connections Yes
ACTUATING FORCE	5 N
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
FORCE FOR POSITIVE OPENING - MIN	0 N
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
JOYSTICK LENGTH	75 mm

	RMQ small E-Stop emergency-stop button
	MCI MultiColor Light Indicator RMQ compact solution
	MCI Multicolor Light Indicator M22 with SmartWire-DT
SALES NOTES	eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf eaton-control-circuit-devices rmq-titan-fl144090en-en-us.pdf

NUMBER OF ACTUATION DIRECTIONS	2
NUMBER OF CONTACTS (NORMALLY CLOSED) PER ACTUATION DIRECTION	0
NUMBER OF CONTACTS (NORMALLY OPEN) PER ACTUATION DIRECTION	0
NUMBER OF MAKE-AND-BREAK CONTACTS PER DIRECTION	0
NUMBER OF SWITCH LEVELS	1
OPENING DIAMETER	22.5 mm
RATED OPERATIONAL CURRENT (IE) AT AC-21, 400 V, 415 V	0 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
BEZEL COLOR	Black
BEZEL MATERIAL	Plastic
MOUNTING POSITION	As required
NUMBER OF POSITIONS	2
DEGREE OF PROTECTION	IP66 NEMA 4X, 13
LIFESPAN, MECHANICAL	100,000 Operations
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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