

Specifications

Eaton 178564



Eaton Moeller® series M22 Joystick, with 2 operating points per operating direction, with metal shaft, 2 positions, Bezel: titanium, momentary, Vertical

Photo is representative



General specifications

PRODUCT NAME	Eaton Moeller® series M22 Joystick
CATALOG NUMBER	178564
MODEL CODE	M22-WJS2V-2P
EAN	4015081738939
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.028 kg
CERTIFICATIONS	CSA File No.: 012528 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR UL File No.: E29184 UL 508 IEC/EN 60947-5 VDE 0660 CE UL CSA-C22.2 No. 14-13 CSA Class No.: 3211-03 CSA IEC/EN 60947
CATALOG NOTES	These joysticks are combined with normal normally open contacts M22-K10 and NO early-make contacts M22-K10P.
GLOBAL CATALOG	178564

Product specifications

TYPE	Joystick
PRODUCT CATEGORY	RMQ-Titan
ACTUATOR FUNCTION	Vertical Momentary
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](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

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

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-operating-operating-m22-joystick-symbol-002.eps](#)

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

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

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

DRAWINGS

ECAD MODEL

[ETN.178564.edz](#)

FLYERS

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

INSTALLATION INSTRUCTIONS

[IL04716002Z](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

MCAD MODEL

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

[DA-CD-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:	Front ring Retraction in 0-position 2 operating points per operating direction Metal shaft
OPERATING FREQUENCY	2000 Operations/h
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
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
JOYSTICK LENGTH	75 mm
NUMBER OF ACTUATION DIRECTIONS	2

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

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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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