

Specifications



Eaton 279417

Eaton Moeller® series M22 Joystick, with one operating point per operating direction, With plastic shaft, 4 positions, Bezel: titanium, momentary, in every position

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Joystick
CATALOG NUMBER	279417
MODEL CODE	M22-WJ4
EAN	4015082794170
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.028 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	UL 508 IEC 60947-5 EN 60947-5 CSA Std. C22.2 No. 14-05 CSA Std. C22.2 No. 94-91 VDE UL File No.: E29184 UL Category Control No.: NKCR IEC/EN 60947-5 UL VDE 0660 CE CSA File No.: 012528 CSA-C22.2 No. 94-91 CSA Class No.: 3211-03 IEC/EN 60947 CSA-C22.2 No. 14-05 CSA
GLOBAL CATALOG	279417



Powering Business Worldwide

Product specifications

TYPE	Joystick
ACCESSORIES	Plastic shaft
PRODUCT CATEGORY	RMQ-Titan
ACTUATOR FUNCTION	In every position 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.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.

Resources

	eaton-rmq-titan-brochure-br047004en-en-us.pdf
	Flip catalog - Product Range Catalog - Command and indication
CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
	eaton-key-operated-actuator-declaration-of-conformity-eu250865en.pdf
DECLARATIONS OF CONFORMITY	eaton-pushbutton-declaration-of-conformity-eu250858en.pdf
	eaton-key-operated-actuator-declaration-of-conformity-uk251348en.pdf
	eaton-pushbutton-declaration-of-conformity-uk251341en.pdf
	eaton-operating-m22-joystick-dimensions.eps
	eaton-operating-operating-m22-joystick-dimensions.eps
DRAWINGS	eaton-general-m22-symbol.eps
	eaton-general-m22-standards.eps
	eaton-operating-indication-m22-joystick-symbol-002.eps
	eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.279417.edz
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL04716002Z
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	DA-CD-joystick 4 fach
	DA-CS-joystick 4 fach

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 Filament bulb (24 V) Plastic shaft Retraction in 0-position
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	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
NUMBER OF ACTUATION DIRECTIONS	4
NUMBER OF CONTACTS (NORMALLY CLOSED)	0

MULTIMEDIA	easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator
	MCI MultiColor Light Indicator RMQ compact solution
	MCI Multicolor Light Indicator M22 with SmartWire-DT
SALES NOTES	RMQ small E-Stop emergency-stop button
	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf
	eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
	eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf
	eaton-control-circuit-devices-rmq-titan-fl144090en-en-us.pdf

PER ACTUATION DIRECTION	
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
OPERATING MODE	Momentary
BEZEL COLOR	Titanium
BEZEL MATERIAL	Plastic
MOUNTING POSITION	As required
NUMBER OF POSITIONS	4
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:



Eaton Corporation plc
 Eaton House
 30 Pembroke Road
 Dublin 4, Ireland
 Eaton.com

Follow us on social media to get the latest product and support information.

