

# Specifications

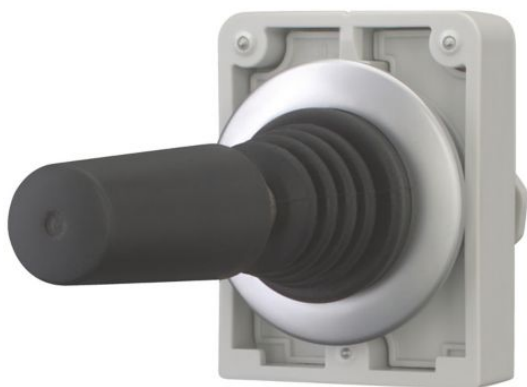


Photo is representative



## Eaton 199143

Eaton Moeller® series M30 4-way joystick,  
robust, 2 operating points

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M30 Joystick
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<b>CATALOG NUMBER</b>	199143
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<b>MODEL CODE</b>	M30C-FWJS4-2P
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<b>EAN</b>	4015081972227
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<b>PRODUCT LENGTH/DEPTH</b>	36 mm
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<b>PRODUCT HEIGHT</b>	93 mm
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<b>PRODUCT WIDTH</b>	46 mm
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<b>PRODUCT WEIGHT</b>	0.06 kg
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<b>CERTIFICATIONS</b>	CSA Class No.: 3211-03 CSA file No. 012528 DNV GL IEC/EN 60947 IEC/EN 60947-5 UL 508 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CE marking UL Category Control No.: NKCR UL File No.: E29184 UL Listed CSA certified VDE 0660
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<b>GLOBAL CATALOG</b>	199143
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Powering Business Worldwide

## Product specifications

<b>TYPE</b>	Joystick
<b>PRODUCT CATEGORY</b>	RMQ-Titan
<b>10.10 TEMPERATURE RISE</b>	Not applicable.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.

## 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-eu250864en.pdf](#)

[eaton-key-operated-actuator-declaration-of-conformity-eu250863en.pdf](#)

### ECAD MODEL

[ETN.199143.edz](#)

### FLYERS

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

### INSTALLATION INSTRUCTIONS

[eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf](#)

### INSTALLATION VIDEOS

[RMQ Flat Design](#)

### MCAD MODEL

[DA-CD-joystick flatfront](#)

[DA-CS-joystick flatfront](#)

### MULTIMEDIA

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

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

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

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

### SALES NOTES

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

<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>FITTED WITH:</b>	Front ring Retraction in 0-position
<b>OPERATING FREQUENCY</b>	2000 Operations/h
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>ACTUATING FORCE</b>	5 N
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>JOYSTICK LENGTH</b>	66 mm
<b>NUMBER OF ACTUATION DIRECTIONS</b>	4
<b>NUMBER OF CONTACTS (NORMALLY CLOSED) PER ACTUATION DIRECTION</b>	0
<b>NUMBER OF CONTACTS (NORMALLY OPEN) PER ACTUATION DIRECTION</b>	0
<b>NUMBER OF MAKE-AND-BREAK CONTACTS PER</b>	0

[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](#)

DIRECTION	
NUMBER OF SWITCH LEVELS	2
OPENING DIAMETER	30 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	Chrome
BEZEL MATERIAL	Plastic
MOUNTING POSITION	As required
NUMBER OF POSITIONS	4
DEGREE OF PROTECTION	IP66 NEMA 4X, 13
LIFESPAN, MECHANICAL	100,000 Operations

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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