

Specifications



Eaton 187065

Eaton Moeller® series M30 Joystick, RMQ-Titan, vertically momentary, with metal shaft, 2 positions, Metal bezel

General specifications

PRODUCT NAME	Eaton Moeller® series M30 joystick
CATALOG NUMBER	187065
MODEL CODE	M30C-FWRJS2V
EAN	4015081821273
PRODUCT LENGTH/DEPTH	36 mm
PRODUCT HEIGHT	93 mm
PRODUCT WIDTH	46 mm
PRODUCT WEIGHT	0.06 kg
CERTIFICATIONS	VDE 0660 IEC/EN 60947



Powering Business Worldwide

Actuator

ACTUATING FORCE	5 N
ACTUATOR FUNCTION	Maintained Vertical
BEZEL COLOR	Chrome
BEZEL MATERIAL	Metal
FITTED WITH:	Filament bulb (24 V) Front ring Metal shaft
NUMBER OF ACTUATION DIRECTIONS	2

Communication

CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Design verification

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	Does not apply, since the

IMPACT	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.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

General information

DEGREE OF PROTECTION	IP66 NEMA 4X, 13
LIFESPAN, MECHANICAL	100,000 Operations
MOUNTING POSITION	As required
OPENING DIAMETER	30 mm
OPERATING FREQUENCY	2000 Operations/h
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: Ø 36 mm
TYPE	Joystick

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-illuminated-pushbutton-declaration-of-conformity-eu251546en.pdf
	eaton-operating-m30-joystick-dimensions.eps
	eaton-operating-m30-dimensions-006.eps
	eaton-operating-m30-dimensions-005.eps
	eaton-operating-m30-dimensions-004.eps
DRAWINGS	eaton-operating-symbol-m22-joystick-symbol-004.eps
	eaton-operating-m30-joystick-3d-drawing.eps
	eaton-general-m22-symbol.eps
	eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.187065.edz
INSTALLATION INSTRUCTIONS	eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf
MCAD MODEL	DA-CS-joystick flatfront eaton-toggles-joysticks-mcad-drawings-joystick-flatfront.dwg

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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