

Specifications



Eaton 187089

Eaton Moeller® series M30 Selector switch, RMQ-Titan, With rotary head, momentary, 3 positions, inscribed, Metal bezel

General specifications

PRODUCT NAME	Eaton Moeller® series M30 Selector switch
CATALOG NUMBER	187089
MODEL CODE	M30C-FW3
EAN	4015081821464
PRODUCT LENGTH/DEPTH	36 mm
PRODUCT HEIGHT	43 mm
PRODUCT WIDTH	46 mm
PRODUCT WEIGHT	0.042 kg

CERTIFICATIONS

IEC/EN 60947
VDE 0660
CSA file No. 012528
CSA Class No.: 3211-03
DNV
UL File No.: E29184
GL
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 Listed
CSA certified

Product specifications	
TYPE	Selector switch actuator
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Spring-return 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.
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	Is the panel builder's responsibility.

Resources	
	eaton-rmq-titan-brochure-br047004en-en-us.pdf
	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
CATALOGS	Flip catalog - Product Range Catalog - Command and indication
CERTIFICATION REPORTS	0000SPC-183
DECLARATIONS OF CONFORMITY	DA-DC-00004157.pdf DA-DC-00004135.pdf
	1160DIM-170 eaton-operating-m30-dimensions-005.eps eaton-operating-m30-changeover-switch-dimensions.eps eaton-operating-m30-dimensions-006.eps 1160DIM-151 eaton-operating-m30-dimensions-004.eps
DRAWINGS	1160DIM-184 1160DIM-169 eaton-operating-button-m22-changeover-switch-symbol-004.eps 116C217 1160DRW-448 eaton-general-m22-symbol.eps 0000SPC-180 eaton-operating-changeover-switch-3d-drawing-003.eps eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.187089.edz DA-CE-ETN.M30C-FW3
INSTALLATION INSTRUCTIONS	eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	eaton-cadenas-side_view-wahltaste_flatfront_side.pra DA-CD-wahltaste_flatfront eaton-cadenas-front_view-wahltaste_flatfront_front.pra

CONDUCTORS	
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:	Plunger bridge for the middle contact Front ring
OPERATING FREQUENCY	2000 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections
ACTUATOR TYPE	Turn button
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °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
OPENING DIAMETER	30 mm
OPENING HEIGHT	0 mm
OPERATING TORQUE	0.3 Nm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SWITCHING ANGLE	40 °
WIDTH OPENING	0 mm
BEZEL COLOR	Titanium
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27,

	eaton-cadenas-path-icd_flatfront_m30-wahltaste_flatfront.3db DA-CS-wahltaste_flatfront
	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 MCI Multicolor Light Indicator M22 with SmartWire-DT
MULTIMEDIA	
	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
SALES NOTES	
SYSTEM OVERVIEW	Pilot devices - selection aid

	Sinusoidal shock 11 ms
BEZEL MATERIAL	Metal
DESIGN	With rotary head Flat front
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	NEMA 4X, 13
DEGREE OF PROTECTION (FRONT SIDE)	IP66
INSCRIPTION	Inscribed
FUNCTIONS	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
INDICATOR COLOR	Other
LENS TYPE	Round
LIFESPAN, MECHANICAL	100,000 Operations
NUMBER OF SWITCH POSITIONS	3
SIZE	Front dimensions: Ø 36 mm
PRODUCT CATEGORY	RMQ-Titan

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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