

Specifications



Photo is representative



Eaton 187057

Eaton Moeller® series M30 Key-operated actuator, Flat Front, maintained, 2 positions, MS5, Key withdrawable: 0, I, Metal bezel

General specifications

PRODUCT NAME	Eaton Moeller® series M30 Key-operated actuator
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CATALOG NUMBER	187057
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MODEL CODE	M30C-FWRS-MS5
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EAN	4015081821204
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PRODUCT LENGTH/DEPTH	36 mm
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PRODUCT HEIGHT	67 mm
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PRODUCT WIDTH	46 mm
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PRODUCT WEIGHT	0.06 kg
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CERTIFICATIONS	VDE 0660 IEC/EN 60947 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
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GLOBAL CATALOG	187057
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Product specifications

TYPE	Key-operated button
ACCESSORIES	1 key included with supplied equipment.
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Maintained Key withdrawable in position 0 Switching function latching Key withdrawable in position 1
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

Resources

CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf Flip catalog - Product Range Catalog - Command and indication eaton-rmq-titan-brochure-br047004en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-key-operated-actuator-declaration-of-conformity-eu250864en.pdf eaton-key-operated-actuator-declaration-of-conformity-eu250863en.pdf
DRAWINGS	eaton-operating-m30-dimensions-004.eps eaton-operating-m30-dimensions-006.eps eaton-operating-m30-key-operated-actuator-dimensions.eps eaton-operating-m30-dimensions-005.eps eaton-general-m22-symbol.eps eaton-general-approval-m22-symbol.eps eaton-operating-m30-key-operated-actuator-3d-drawing.eps
ECAD MODEL	ETN.187057.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-schluesseltaste_ms_flatfront DA-CS-schluesseltaste_ms_flatfront

	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.
FITTED WITH:	Front ring
OPERATING FREQUENCY	100 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	With SWD-RMQ connections Yes
ACTUATOR TYPE	Key
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	0 W

MULTIMEDIA

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

[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](#)

SALES NOTES

[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](#)

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

CAPACITY PDISS	
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPENING DIAMETER	30 mm
OPENING HEIGHT	0 mm
OPERATING TORQUE	0.5 Nm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SWITCHING ANGLE	60 °
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, Sinusoidal shock 11 ms
KEY CODE	MS5
BEZEL MATERIAL	Metal
DESIGN	Key operation lock mechanism Flat front
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	NEMA 4X, 13
DEGREE OF PROTECTION (FRONT SIDE)	IP66
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	2
SIZE	Front dimensions: Ø 36 mm
PRODUCT CATEGORY	RMQ-Titan

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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