

Specifications

Eaton 187098



Eaton Moeller® series M30 Key-operated actuator, Flat Front, maintained, 3 positions, Ronis 455, Key withdrawable: I, 0, II, Metal bezel

General specifications

PRODUCT NAME	Eaton Moeller® series M30 Key-operated actuator
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CATALOG NUMBER	187098
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MODEL CODE	M30C-FWRS3-RS
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EAN	4015081821525
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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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Product specifications

TYPE	Key-operated button
ACCESSORIES	2 keys included with supplied equipment.
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Maintained Switching function latching Key withdrawable in position 2 Key withdrawable in position 0 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 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	Does not apply, since the entire

SWITCHING DEVICES AND COMPONENTS	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:	Plunger bridge for the middle contact Front ring
OPERATING FREQUENCY	100 Operations/h
POLLUTION DEGREE	3
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
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 CAPACITY PDISS	0 W
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	15 g, Mechanical, According to

	IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
KEY CODE	Ronis 455
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)	IP64
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

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
CERTIFICATION REPORTS	0000SPC-183
DECLARATIONS OF CONFORMITY	DA-DC-00004157.pdf DA-DC-00004135.pdf
DRAWINGS	1160DIM-158 1160DIM-169 eaton-operating-m30-dimensions-006.eps 1160DIM-170 eaton-operating-m30-dimensions-005.eps 1160DIM-184 eaton-operating-m30-key-operated-actuator- dimensions-003.eps eaton-operating-m30-dimensions-004.eps eaton-operating-m30-key-operated-actuator-3d- drawing-003.eps

	eaton-general-approval-m22-symbol.eps 1160DRW-457 0000SPC-180 eaton-general-m22-symbol.eps
ECAD MODEL	ETN.187098.edz DA-CE-ETN.M30C-FWRS3-RS
INSTALLATION INSTRUCTIONS	eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf
INSTALLATION VIDEOS	RMO Flat Design
MCAD MODEL	eaton-cadenas-path-icd_flatfront_m30-schluesseltaste_rs_flatfront.3db eaton-cadenas-front_view-schluesseltaste_rs_flatfront front view front.pra DA-CS-schluesseltaste_rs_flatfront DA-CD-schluesseltaste_rs_flatfront eaton-cadenas-side_view-schluesseltaste_rs_flatfront side view side.pra
MULTIMEDIA	MCI Multicolor Light Indicator M22 with SmartWire-DT easyE4 SmartWire-DT module with Remote Touch Display and RMO multi color indicator RMO small E-Stop emergency-stop button MCI MultiColor Light Indicator RMO compact solution
SALES NOTES	eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
SYSTEM OVERVIEW	Pilot devices - selection aid

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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