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## Eaton 188143

Eaton Moeller® series M30 Key-operated actuator, Flat Front, maintained, 3 positions, MS1–MS20: Key withdrawable: selectable, Bezel: stainless steel

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<b>PRODUCT NAME</b>	Eaton Moeller® series M30 Key-operated actuator
<b>CATALOG NUMBER</b>	188143
<b>PRODUCT LENGTH/DEPTH</b>	36 mm
<b>PRODUCT HEIGHT</b>	67 mm
<b>PRODUCT WIDTH</b>	46 mm
<b>PRODUCT WEIGHT</b>	0.06 kg
<b>CERTIFICATIONS</b>	IEC/EN 60947 VDE 0660

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<b>TYPE</b>	Key-operated button
<b>ACCESSORIES</b>	1 key included with supplied equipment.
<b>ACTUATOR COLOR</b>	Black
<b>ACTUATOR FUNCTION</b>	Switching function latching Key withdrawable in selectable position Maintained
<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</b>	Does not apply, since the

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<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">eaton-key-operated-actuator-declaration-of-conformity-uk251347en.pdf</a> <a href="#">eaton-key-operated-actuator-declaration-of-conformity-uk251346en.pdf</a>
<b>□□□□□</b>	<a href="#">eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf</a> <a href="#">eaton-operating-m30-dimensions-006.eps</a> <a href="#">eaton-operating-m30-key-operated-actuator-dimensions-002.eps</a>
<b>□□</b>	<a href="#">eaton-operating-m30-dimensions-004.eps</a> <a href="#">eaton-operating-m30-dimensions-005.eps</a> <a href="#">eaton-operating-m30-key-operated-actuator-3d-drawing.eps</a>
<b>□□/□□</b>	<a href="#">RMQ small E-Stop emergency-stop button</a>

<b>PROTECTION OF ASSEMBLIES</b>	entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<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>	Plunger bridge for the middle contact Front ring
<b>OPERATING FREQUENCY</b>	100 Operations/h
<b>POLLUTION DEGREE</b>	3
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>CONNECTION TO SMARTWIRE-DT</b>	With SWD-RMQ connections Yes
<b>ACTUATOR TYPE</b>	Key
<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>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0 W
<b>OPENING DIAMETER</b>	30 mm

<b>OPENING HEIGHT</b>	0 mm
<b>OPERATING TORQUE</b>	0.5 Nm
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>SWITCHING ANGLE</b>	60 °
<b>WIDTH OPENING</b>	0 mm
<b>BEZEL COLOR</b>	Stainless steel
<b>SHOCK RESISTANCE</b>	15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
<b>KEY CODE</b>	Selectable
<b>BEZEL MATERIAL</b>	Metal
<b>DESIGN</b>	Key operation lock mechanism
<b>MOUNTING POSITION</b>	As required
<b>OVERVOLTAGE CATEGORY</b>	III
<b>DEGREE OF PROTECTION</b>	NEMA 4X, 13
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP64
<b>FUNCTIONS</b>	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
<b>INDICATOR COLOR</b>	Other
<b>LENS TYPE</b>	Round
<b>LIFESPAN, MECHANICAL</b>	100,000 Operations
<b>NUMBER OF SWITCH POSITIONS</b>	3
<b>SIZE</b>	Front dimensions: Ø 36 mm
<b>PRODUCT CATEGORY</b>	RMQ-Titan

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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