

# Specifications



Photo is representative



## Eaton 216894

Eaton Moeller® series M22 Key-operated actuator, momentary, 3 positions, Key withdrawable: 0, Bezel: titanium

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Key-operated actuator
<b>CATALOG NUMBER</b>	216894
<b>MODEL CODE</b>	M22-WS3
<b>EAN</b>	4015082168940
<b>PRODUCT LENGTH/DEPTH</b>	70 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.034 kg
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	CSA Std. C22.2 No. 14-05 EN 60947-5 UL 508 CSA Std. C22.2 No. 94-91 IEC 60947-5 VDE IEC/EN 60947 UL File No.: E29184 UL CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 IEC/EN 60947-5 UL Category Control No.: NKCR VDE 0660 CE CSA Class No.: 3211-03 CSA File No.: 012528 CSA DNV GL LR
<b>GLOBAL CATALOG</b>	216894



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## Product specifications

<b>TYPE</b>	Key-operated button
<b>ACCESSORIES</b>	1 key included with supplied equipment.
<b>ACTUATOR COLOR</b>	Black
<b>ACTUATOR FUNCTION</b>	Key withdrawable in position 0 Momentary Spring-return
<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 PROTECTION OF</b>	Does not apply, since the entire switchgear needs to

## Resources

	<a href="#">Flip catalog - Product Range Catalog - Command and indication</a>
	<a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a>
CATALOGS	<a href="#">eaton-rmq-titan-brochure-br047004en-en-us.pdf</a>
	<a href="#">eaton-key-operated-actuator-declaration-of-conformity-eu250865en.pdf</a>
	<a href="#">eaton-pushbutton-declaration-of-conformity-uk251341en.pdf</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-key-operated-actuator-declaration-of-conformity-uk251348en.pdf</a>
	<a href="#">eaton-pushbutton-declaration-of-conformity-eu250858en.pdf</a>
	<a href="#">eaton-operating-m22-key-operated-actuator-dimensions-002.eps</a>
	<a href="#">eaton-operating-key-operated-actuator-dimensions-005.eps</a>
DRAWINGS	<a href="#">eaton-general-m22-standards.eps</a>
	<a href="#">eaton-general-m22-symbol.eps</a>
	<a href="#">eaton-general-approval-m22-symbol.eps</a>
ECAD MODEL	<a href="#">ETN.216894.edz</a>
FLYERS	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
INSTALLATION INSTRUCTIONS	<a href="#">IL04716002Z</a>
INSTALLATION VIDEOS	<a href="#">RMQ Flat Design</a>
MCAD MODEL	<a href="#">DA-CS-schluesseltaste_ms</a>
	<a href="#">DA-CD-schluesseltaste_ms</a>

<b>ASSEMBLIES</b>	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>	Front ring Plunger bridge for the middle contact
<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>	22.5 mm
<b>OPENING HEIGHT</b>	0 mm

MULTIMEDIA	<a href="#">MCI Multicolor Light Indicator M22 with SmartWire-DT</a>
	<a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a>
	<a href="#">MCI MultiColor Light Indicator RMQ compact solution</a>
SALES NOTES	<a href="#">RMQ small E-Stop emergency-stop button</a>
	<a href="#">eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</a>
	<a href="#">eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf</a>
	<a href="#">eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</a>
	<a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a>

<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>	40 °
<b>WIDTH OPENING</b>	0 mm
<b>BEZEL COLOR</b>	Titanium
<b>SHOCK RESISTANCE</b>	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
<b>COLOR</b>	Black
<b>BEZEL MATERIAL</b>	Plastic
<b>DESIGN</b>	Key operated Classical
<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>	IP66
<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 diameter: 29.7 mm
<b>PRODUCT CATEGORY</b>	RMQ-Titan

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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