



Key-operated actuator, Flat Front, maintained, 2 positions, MS3, Key withdrawable: 0, Metal bezel

Part no. M30C-FWRS-MS3-A1
187054
EL Number 4315701
(Norway)

General specifications		
Product name		Eaton Moeller® series M30 Key-operated actuator
Part no.		M30C-FWRS-MS3-A1
EAN		4015081821174
Product Length/Depth		36 millimetre
Product height		67 millimetre
Product width		46 millimetre
Product weight		0.06 kilogram
Certifications		IEC/EN 60947 VDE 0660
Product Tradename		M30
Product Type		Key-operated actuator
Product Sub Type		None
Catalog Notes		Key withdraw convertible with coding adapters M22-XC-... Not suitable for master key systems
Features & Functions		
Bezel color		Titanium
Bezel material		Metal
Design		Key operation lock mechanism
Fitted with:		Front ring
Functions		Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Key code		MS3
General information		
Accessories		1 key included with supplied equipment.
Degree of protection		NEMA 4X, 13
Degree of protection (front side)		IP66
Lifespan, mechanical		100,000 Operations
Opening diameter		30 mm
Operating frequency		100 Operations/h
Operating torque		0.5 N·m
Overvoltage category		III
Pollution degree		3
Product category		RMQ-Titan
Size		Front dimensions: Ø 36 mm
Switching angle		60 °
Type		Key-operated button
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Climatic proofing		Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Communication		
Connection to SmartWire-DT		With SWD-RMQ connections Yes

Actuator			
Actuator color			Black
Actuator function			Key withdrawable in position 0 Switching function latching Maintained
Actuator type			Key
Number of switch positions			2
Contacts			
Force for positive opening - min			0 N
Design verification			
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdiss			0 W
Heat dissipation per pole, current-dependent Pvid			0 W
Rated operational current for specified heat dissipation (In)			0 A
Static heat dissipation, non-current-dependent Pvs			0 W
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 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.
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.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ec@ss13-27-37-12-13 [AKF031019])			
Number of switch positions			2
Type of control element			Key
Suitable for illumination			No
Colour control element			Black
Colour indicator light cap			Other
Construction type lens			Round
Hole diameter		mm	30
Width opening		mm	0
Height opening		mm	0
Switching function latching			Yes
Spring-return			No
With front ring			Yes
Material front ring			Metal

Colour front ring			Titanium
Degree of protection (IP), front side			IP66
Degree of protection (NEMA)			4X, 13