



Key-operated actuator, Flat Front, maintained, 3 positions, Ronis 455, Key withdrawable: 0, Metal bezel

Part no. M30C-FWRS3-RS-A1
187099
EL Number 4315721
(Norway)

General specifications		
Product name		Eaton Moeller® series M30 Key-operated actuator
Part no.		M30C-FWRS3-RS-A1
EAN		4015081821532
Product Length/Depth		36 millimetre
Product height		67 millimetre
Product width		46 millimetre
Product weight		0.06 kilogram
Certifications		UL Category Control No.: NKCR DNV UL Listed CSA Class No.: 3211-03 CE marking CSA file No. 012528 GL UL 508 CSA-C22.2 No. 14-05 UL File No.: E29184 CSA certified CSA-C22.2 No. 94-91 IEC/EN 60947-5 IEC/EN 60947 VDE 0660
Product Tradename		M30
Product Type		Key-operated actuator
Product Sub Type		None
Features & Functions		
Bezel color		Titanium
Bezel material		Metal
Design		Flat front Key operation lock mechanism
Fitted with:		Plunger bridge for the middle contact Front ring
Functions		Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Key code		Ronis 455
General information		
Accessories		2 keys included with supplied equipment.
Degree of protection		NEMA 4X, 13
Degree of protection (front side)		IP64
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		15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27

Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Communication		
Connection to SmartWire-DT		Yes With SWD-RMQ connections
Actuator		
Actuator color		Black
Actuator function		Key withdrawable in position 0 Maintained Switching function latching
Actuator type		Key
Number of switch positions		3
Contacts		
Force for positive opening - min		0 N
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		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 (ecl@ss13-27-37-12-13 [AKF031019])		
Number of switch positions		3
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			IP64
Degree of protection (NEMA)			4X, 13