

**Key-operated actuator, maintained, 2 positions, Key withdrawable: 0, I,
Bezel: titanium**

Part no. M22-WRS

216887

EL Number

4355325

(Norway)

General specifications	
Product name	Eaton Moeller® series M22 Key-operated actuator
Part no.	M22-WRS
EAN	4015082168872
Product Length/Depth	70 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.031 kilogram
Compliances	CE Marked
Certifications	EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 94-91 UL 508 CSA Std. C22.2 No. 14-05 VDE CSA File No.: 012528 CSA-C22.2 No. 14-05 CSA IEC/EN 60947 UL IEC/EN 60947-5 VDE 0660 CE CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 UL File No.: E29184 UL Category Control No.: NKCR GL DNV LR
Product Tradename	M22
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	Plastic
Color	Black
Design	Key operated Classical
Fitted with:	Front ring
Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
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	22.5 mm
Operating frequency	100 Operations/h
Operating torque	0.5 N·m
Product category	RMQ-Titan
Size	Front diameter: 29.7 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 30 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		Yes With SWD-RMQ connections
Actuator		
Actuator color		Black
Actuator function		Maintained Switching function latching Key withdrawable in position 0 Key withdrawable in position 1
Actuator type		Key
Number of switch positions		2
Contacts		
Force for positive opening - min		0 N
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0 W
Heat dissipation capacity P _{diss}		0 W
Heat dissipation per pole, current-dependent P _{vid}		0 W
Rated operational current for specified heat dissipation (I _n)		0 A
Static heat dissipation, non-current-dependent P _{vs}		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		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	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Titanium
Degree of protection (IP), front side		IP66
Degree of protection (NEMA)		4X, 13