Key-operated actuator, maintained, 2 positions 0, I, Bezel: titanium, 1 NC, 1 N/O, Enclosure

Powering Business Worldwide™

Part no.	**M22-WRS/KC11/I**
	216526
EL Number (Norway)	**4355299**

Product name	Eaton Moeller® series M22 Key-operated actuator
Part no.	M22-WRS/KC11/I
EAN	4015082165260
Product Length/Depth	130 millimetre
Product height	70 millimetre
Product width	72 millimetre
Product weight	0.2 kilogram
Certifications	IEC/EN 60947-5 CSA-C22.2 No. 14-05 CSA CSA-C22.2 No. 94-91 CSA Class No.: 3211-03 CSA File No.: 012528 UL UL Category Control No.: NKCR UL 508 CE IEC/EN 60947 VDE 0660 UL File No.: E29184
Product Tradename	M22
Product Type	Key-operated actuator
Product Sub Type	None
Catalog Notes	Contacts with safety function, by positive opening to IEC/EN 60947-5-1 Key withdraw convertible with coding adapters M22-XC-... Not suitable for master key systems
Bezel color	Titanium
Color	Light gray
Design	Enclosure
Enclosure color	Gray
Enclosure material	Plastic
Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Knockouts	2 x M25/20 (cable entry knockouts at the side) 1 x M20 (cable entry knockout at the side) 2 x M16 (cable entry knockouts at the base)
Number of locations	1
RAL-number	7035
Accessories	1 key included with supplied equipment.
Degree of protection	IP66 NEMA 4X, 13
Lifespan	100,000 mechanical Operations
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	Housing Key-operated button
Mounting position	As required
Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27

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
Rated control supply voltage (Us) at AC, 50 Hz - min	115 V
Rated control supply voltage (Us) at AC, 50 Hz - max	500 V
Rated control supply voltage (Us) at AC, 60 Hz - min	115 V
Rated control supply voltage (Us) at AC, 60 Hz - max	500 V
Rated control supply voltage (Us) at DC - min	24 V
Rated control supply voltage (Us) at DC - max	220 V
Rated conditional short-circuit current (Iq)	1 kA
Connection to SmartWire-DT	No
Connection type	Screw connection
Actuator function	Key withdrawable in position 0 Key withdrawable in position 1 Maintained
Actuator travel and actuation force (DIN EN 60947-5-1)	4.8 mm
Knob travel	5.7 mm
Number of actuation directions	2
Force for positive opening - min	20 N
Number of contacts (change-over contacts)	0
Number of contacts (normally closed contacts)	1
Number of contacts (normally open contacts)	1
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0.11 W
Rated operational current for specified heat dissipation (In)	6 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	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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 8.0

Low-voltage industrial components (EG000017) / Control circuit devices combination in enclosure (EC000225)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm device combination in housing (ecl@ss10.0.1-27-37-12-16 [AKF034014])			
Number of command positions			1
Number of push buttons			0
Number of indicator lights			0
Number of key switches			1
Number of selector switches			1
Number of mushroom-shaped push-buttons			0
Suitable for emergency stop			No
Rated control supply voltage Us at AC 50HZ		V	115 - 500
Rated control supply voltage Us at AC 60HZ		V	115 - 500
Rated control supply voltage Us at DC		V	24 - 220
Colour housing cover			Grey
Material housing			Plastic
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Number of contacts as change-over contact			0
Degree of protection (IP)			IP66
Degree of protection (NEMA)			4X, 13