

Key-operated actuator, 3 positions, maintained

Part no.	**M22-WRS3**
Article no.	**216900**
Catalog No.	**M22-WRS3Q**

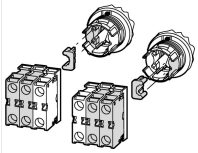
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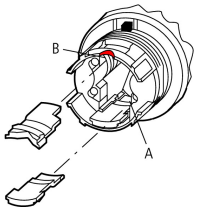
Product range	RMQ-Titan (drilling dimensions 22.5 mm)
Basic function	Key-operated buttons
Single unit/Complete unit	Single unit
Function	Stay-put
Front ring	Front ring: titanium
Description	3 positions (with plunger bridge engineering) Lock mechanism MS1 Not suitable for master key systems With 1 key Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC-...
Function	maintained left: 60° right: 60°
Connection to SmartWire-DT	yes
Key withdrawable in position	
	0
	II
Information about equipment supplied	With 1 key
Design	Key operated

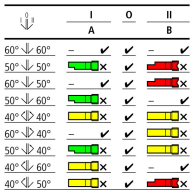
Notes 7777777

Note concerning the product **Plunger bridge for the middle contact on 3-position selector switches**



Notes **For conversion between stay-put and spring-return functions and for changing the key withdrawability for selector switch actuators with 3 positions**

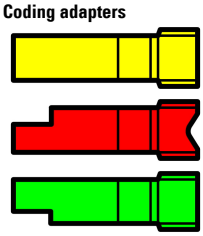




= Key withdrawable

= Key not withdrawable

Coding adapters



M22-XC-Y, a#216407

M22-XC-R, a#216406

Notes

Bezel gold-plated →#274150

Approvals

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	012528
CSA Class No.	3211-03

North America Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type 3R, 4X, 12, 13

General

Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10^6	> 0.1
Operating frequency	Operations/h		100
Operating torque		Nm	0.5
Degree of Protection			IP66, IEC/EN 60529
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		°C	
Open		°C	- 25 - + 70
Mounting position			As required
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27

Data for design verification according to IEC/EN 61439

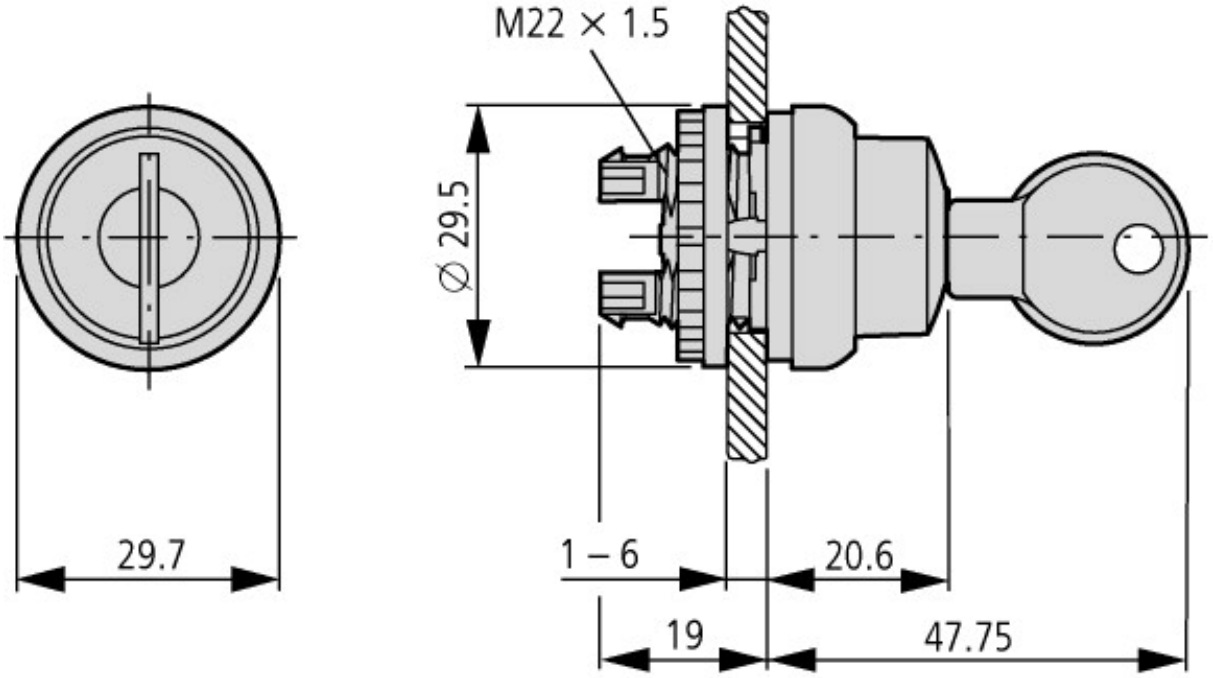
IEC/EN 61439 design verification	
10.2 Strength of materials and parts	
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties	
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 5.0

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@ss8-27-37-12-13 [AKF031010])	
Number of switch positions	3
Type of control element	Key
Suitable for illumination	No
Colour control element	Black
Colour indicator light cap	Not applicable

Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height meter opening		mm	0
Switching function latching			Yes
Spring-return			No
Degree of protection (IP), front side			IP66
With front ring			Yes
Material front ring			Plastic
Colour front ring			-

Dimensions



Individual lock mechanism

Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System	
IL04716002Z (AWA1160-1745) RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2013_08.pdf
Labeleditor	http://downloadcenter.moeller.net/de/software.f6023a63-5acb-42c7-a51c-ccf99091cace

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