

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

<b>Part no.</b>	<b>M22-WRS/K11</b>
<b>Catalog No.</b>	<b>216517</b>
<b>Alternate Catalog No.</b>	<b>M22-WRS-K11Q</b>
<b>EL-Nummer (Norway)</b>	<b>4355290</b>

## Delivery program

Product range			RMQ-Titan
Basic function			Key-operated buttons
Mounting hole diameter	Ø	mm	22.5
Single unit/Complete unit			Complete unit
			maintained

### Function:

		60°
Connection type		Screw connection
		Not suitable for master key systems
		2 positions

### Key withdrawable in position

	0
	I
Degree of Protection	IP66
Front ring	Bezel: titanium
Connection to SmartWire-DT	no
<b>Contacts</b>	
N/C = Normally closed	1 NC 
N/O = Normally open	1 N/O
Notes	 = safety function, by positive opening to IEC/EN 60947-5-1

### Actuator travel and actuation force as per DIN EN 60947-5-1,

#### K.5.4.1

	mm	4.8
Maximum travel	mm	5.7
Minimum force for positive opening	N	20
<b>Instructions</b>	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC-...	
Information about equipment supplied	With 1 key	

## Technical data

### General

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

		according to IEC 60068-2-27
shipping classification		DNV GL LR

## Contacts

Rated conditional short-circuit current	I <sub>q</sub>	kA	1
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## Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I <sub>n</sub>	A	6
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0.11
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Heat dissipation capacity	P <sub>diss</sub>	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
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			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) / Selector switch, complete (EC001029)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Selector switch, complete unit (ecl@ss10.0.1-27-37-12-43 [ACN984011])		
Number of switch positions		2
Type of control element		Key
Suitable for illumination		No
With light source		No
Colour button		Black
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0

Switching function latching		No
Spring-return		No
Degree of protection (IP)		IP66
Degree of protection (NEMA)		4X
Supply voltage	V	0 - 0
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		1
Number of contacts as change-over contact		0
Type of electric connection		Screw connection
With front ring		No
Material front ring		Plastic
Colour front ring		Chrome