



## Key-operated button, 1N/O+1N/C, 2 positions, surface mounting

**Part no.** M22-WRS/KC11/I  
**Article no.** 216526  
**Catalog No.** M22-WRS-KC11-IQ

### Delivery programme

Product range			RMQ-Titan (drilling dimensions 22.5 mm)
Basic function			Key-operated buttons
Single unit/Complete unit			Complete unit
Function			Stay-put
Front ring			Bezel: Silver
Description			Stay-put/spring-return function, can be changed with coding parts M22-XC-Y Key withdraw convertible with coding adapters M22-XC-... Lock mechanism MS1 With 1 key
Function			2 positions, maintained
<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
Connection to SmartWire-DT			no
Contact sequence			
Number of locations		Qty.	1
Colour of enclosure top			
RAL Value			RAL 7035
<b>Key withdrawable in position</b>			
			0
			1
Information about equipment supplied			With 1 key
Design			Key operated
<b>Notes 777777</b>			

### Technical data

<b>General</b>			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 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
Cable entry knockouts			
Base		Quantity x M...	2 x 16
Sides		Quantity x M...	1 x 20 2 x 25/20

## Data for design verification according to IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	6
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0.11
Equipment heat dissipation, current-dependent	$P_{vid}$	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	$P_{diss}$	W	0
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 5.0

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@ss8-27-37-12-16 [AKF034010])			
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
Degree of protection (IP)		IP66
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		1
Number of contacts as change-over contact		0

## 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

## Additional product information (links)

### IL0471600Z (AWA1160-1745) RMQ-Titan System

IL0471600Z (AWA1160-1745) RMQ-Titan System	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL0471600Z2013_08.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL0471600Z2013_08.pdf</a>
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