



**Part no.**  
**Article no.**  
**Catalog No.**

**M22-FK01SMC10**  
**180793**  
**M22-FK01SMC10**

## Delivery programme

Product range		RMQ-Titan (drilling dimensions 22.5 mm)
Basic function		Accessories
Single unit/Complete unit		Element
Basic function accessories		Contact elements
Connection technique		Push in terminals
Fixing		Front fixing
Description		The N/O is actuated when mounted on the pushbutton.
<b>Contacts</b>		
N/C = Normally closed		1 NC
Notes		= safety function, by positive opening to IEC/EN 60947-5-1
<b>Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1</b>		
	mm	5.5
Maximum travel	mm	5.8
Minimum force for positive opening	N	20
Contact sequence		
Contact travel diagram, stroke in connection with front element		
Degree of Protection		IP20
Connection to SmartWire-DT		no

## Technical data

<b>General</b>		
Standards		IEC 60947-5-1
Lifespan, mechanical	Operations x 10 <sup>6</sup>	> 1
Operating frequency	Operations/h	3600
Actuating force	n	4.5
Degree of Protection		IP20
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 Dry heat to IEC 60068-2-2
Ambient temperature		
Open	°C	-25 - +70

Storage		°C	- 40 - + 85
Terminal capacities		mm <sup>2</sup>	
Solid		mm <sup>2</sup>	2 x 1 (0.2 - 1.5) 2 x 1 (075 - 1.5) Can be plugged without tools
Flexible with ferrule		mm <sup>2</sup>	2 x 1 (0.25 - 1) Use WAGO Variocrimp 4 crimping tool; please enquire for others
Solid or stranded		AWG	2 x 1 (24 - 16)

#### Contacts

Rated impulse withstand voltage	U <sub>imp</sub>	V AC	4000
Rated insulation voltage	U <sub>i</sub>	V	250
Overtoltage category/pollution degree			III/3
Max. short-circuit protective device			
Fuseless		Type	FAZ-B4
Fuse	gG/gL	A	4

#### Switching capacity

Rated operational current	I <sub>e</sub>	A	
AC-15			
24 V	I <sub>e</sub>	A	4
60 V	I <sub>e</sub>	A	4
110 V	I <sub>e</sub>	A	2
230 V	I <sub>e</sub>	A	1.5
DC-13			
24 V	I <sub>e</sub>	A	1.5
60 V	I <sub>e</sub>	A	0.8
110 V	I <sub>e</sub>	A	0.4
220 V	I <sub>e</sub>	A	0.2

#### Auxiliary 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			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70