





Contact element, 1 N/C, front mount, screw connection

Part no. **M22-AK01**
Article no. **216503**
Catalog No. **M22-AK01Q**

Delivery programme

- Product range
- Basic function
- Single unit/Complete unit
- Description
- Fixing
- Connection technique
- Contacts
 - N/C = Normally closed
- Notes
- Contact sequence

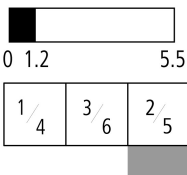
RMQ-Titan (drilling dimensions 22.5 mm)
Accessories
Element
Assembly of contact element with screw terminals and fixing adapter
Front fixing
Screw terminals

1 NC 
 = safety function, by positive opening to IEC/EN 60947-5-1



Contact travel diagram, stroke in connection with front element

Configuration





Protection type
Front ring
Connection to SmartWire-DT

IP20
Front ring: titanium
no

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: -

General

Standards		IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations x 10 ⁶	> 5
Operating frequency	Operations/ h	 3600
Actuating force	n	 5

Operating torque (screw terminals)

Protection type

Climatic proofing

Ambient temperature

Open

Mounting position

Mechanical shock resistance

Terminal capacities

Solid

Stranded

	Nm	≤ 0.8
		IP20
		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
	°C	
	°C	- 25 - + 70
		As required
	g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
	mm ²	
	mm ²	0.75 - 2.5
	mm ²	0.5 - 2.5

Contacts

Rated impulse withstand voltage

Rated insulation voltage

Overvoltage category/pollution degree

Control circuit reliability

at 24 V DC/5 mA

at 5 V DC/1 mA

Max. short-circuit protective device

Fuseless

Fuse

U _{imp}	V AC	6000
U _i	V	500
		III/3
H _F	Fault probability	< 10 ⁻⁷ , < 1 fault in 10 ⁷ operations
H _F	Fault probability	< 5 x 10 ⁻⁶ , < 1 failure in 5 x 10 ⁶ operations
	Type	PKZM0-10/FAZ-B6/1
gG/gL	A	10

Switching capacity

Rated operational current

AC-15

115 V

220 V 230 V 240 V

380 V 400 V 415 V

500 V

DC-13

24 V

42 V

60 V

110 V

220 V

Lifespan, electrical

AC-15

230 V/0.5 A

230 V/1.0 A

230 V/3.0 A

DV-13

12 V/2.8 A

I _e	A	
I _e	A	6
I _e	A	6
I _e	A	4
I _e	A	2
I _e	A	3
I _e	A	1.7
I _e	A	1.2
I _e	A	0.8
I _e	A	0.3
Operations	x 10 ⁶	1.6
Operations	x 10 ⁶	1
Operations	x 10 ⁶	0.7
Operations	x 10 ⁶	1.2

Indoor and protected outdoor installation

Technical data ETIM 5.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block

(ecl@ss8-27-37-13-02 [AKN342009])

Number of contacts as change-over
contact

0

Number of contacts as normally open contact		0
Number of contacts as normally closed contact		1
Rated operation current I _e at AC-15, 230 V	A	6
Type of electric connection		Screw connection
Mounting method		Front fastening

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	