



## Contact element, 1N/O+1N/C, front mount, screw connection



Powering Business Worldwide™

**Part no.** M22-AK11  
**Article no.** 216505  
**Catalog No.** M22-AK11Q

### Delivery programme

Product range

Basic function

Single unit/Complete unit

Description

Fixing

Connection technique

Contacts

N/O = Normally open

N/C = Normally closed

Notes

Contact sequence

Contact travel diagram, stroke in connection with front element

Configuration

Protection type

Front ring

Connection to SmartWire-DT

RMQ-Titan (drilling dimensions 22.5 mm)

Accessories

Element


Assembly of contact element with screw terminals and fixing adapter

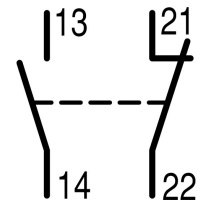
Front fixing

Screw terminals

1 N/O

1 NC 

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



1/4	3/6	2/5
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IP20

Front ring: titanium

no

### Approvals

Product Standards

UL File No.

UL Category Control No.

CSA File No.

CSA Class No.

North America Certification

Degree of Protection

IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking

E29184

NKCR

012528

3211-03

UL listed, CSA certified

UL/CSA Type: -

### General

Standards

Lifespan, mechanical

Operating frequency

Actuating force

Operating torque (screw terminals)

Protection type

Climatic proofing

Ambient temperature



Open

Mounting position

Mechanical shock resistance

Terminal capacities

Solid

		IEC/EN 60947 VDE 0660
Operations	x 10 <sup>6</sup>	> 5
Operations/ h		 3600
	n	 5
	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 <sup>2</sup>	
	mm <sup>2</sup>	0.75 - 2.5

Stranded	mm <sup>2</sup>	0.5 - 2.5
<b>Contacts</b>		
Rated impulse withstand voltage	U <sub>imp</sub>	V AC 6000
Rated insulation voltage	U <sub>i</sub>	V 500
Overvoltage category/pollution degree		III/3
Control circuit reliability		
at 24 V DC/5 mA	H <sub>F</sub>	Fault probability < 10 <sup>-7</sup> , < 1 fault in 10 <sup>7</sup> operations
at 5 V DC/1 mA	H <sub>F</sub>	Fault probability < 5 x 10 <sup>-6</sup> , < 1 failure in 5 x 10 <sup>6</sup> operations
Max. short-circuit protective device		
Fuseless	Type	PKZM0-10/FAZ-B6/1
Fuse	gG/gL	A 10
<b>Switching capacity</b>		
Rated operational current	I <sub>e</sub>	A
AC-15		
115 V	I <sub>e</sub>	A 6
220 V 230 V 240 V	I <sub>e</sub>	A 6
380 V 400 V 415 V	I <sub>e</sub>	A 4
500 V	I <sub>e</sub>	A 2
DC-13		
24 V	I <sub>e</sub>	A 3
42 V	I <sub>e</sub>	A 1.7
60 V	I <sub>e</sub>	A 1.2
110 V	I <sub>e</sub>	A 0.8
220 V	I <sub>e</sub>	A 0.3
Lifespan, electrical		
AC-15		
230 V/0.5 A	Operations x 10 <sup>6</sup>	1.6
230 V/1.0 A	Operations x 10 <sup>6</sup>	1
230 V/3.0 A	Operations x 10 <sup>6</sup>	0.7
DV-13		
12 V/2.8 A	Operations x 10 <sup>6</sup>	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		1
Number of contacts as normally closed contact		1
Rated operation current I <sub>e</sub> at AC-15, 230 V	A	6
Type of electric connection		Screw connection
Mounting method		Front fastening

## Additional product information (links)

<b>IL04716002Z (AWA1160-1745) RMQ-Titan System</b>	
IL04716002Z (AWA1160-1745) RMQ-Titan System	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2013_08.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2013_08.pdf</a>