

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



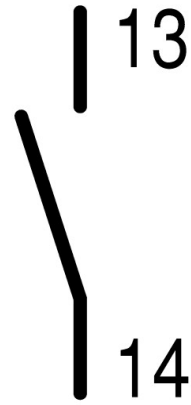
Powering Business Worldwide™

Part no. M22-AK10
Article no. 216504
Catalog No. M22-AK10Q

Delivery programme

Product range
 Basic function
 Single unit/Complete unit
 Description
 Fixing
 Connection technique
 Contacts
 N/O = Normally open
 Contact sequence

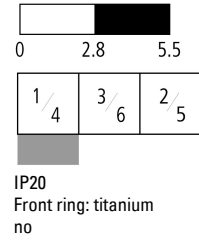
RMQ-Titan (drilling dimensions 22.5 mm)
 Accessories
 Element
 Assembly of contact element with screw terminals and fixing adapter
 Front fixing
 Screw terminals
 1 N/O



Contact travel diagram, stroke in connection with front element

Configuration

Protection type
 Front ring
 Connection to SmartWire-DT



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

		IEC/EN 60947 VDE 0660
Operations	x 10 ⁶	> 5
Operations/h		3600
Actuating force	n	5
Operating torque (screw terminals)	Nm	0.8
Protection type		IP20
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

Terminal capacities		mm ²	
Solid		mm ²	0.75 - 2.5
Stranded		mm ²	0.5 - 2.5

Contacts

Rated impulse withstand voltage

U _{imp}	V AC	6000
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Rated insulation voltage

U _i	V	500
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Overvoltage category/pollution degree

		III/3
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Control circuit reliability

at 24 V DC/5 mA

H _F	Fault probability	< 10 ⁻⁷ , < 1 fault in 10 ⁷ operations
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at 5 V DC/1 mA

H _F	Fault probability	< 5 x 10 ⁻⁶ , < 1 failure in 5 x 10 ⁶ operations
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Max. short-circuit protective device

Fuseless

	Type	PKZM0-10/FAZ-B6/1
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Fuse

gG/gL	A	10
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Switching capacity

Rated operational current

AC-15

115 V

I _e	A	
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220 V 230 V 240 V

I _e	A	6
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380 V 400 V 415 V

I _e	A	6
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500 V

I _e	A	4
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DC-13

I _e	A	2
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24 V

I _e	A	3
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42 V

I _e	A	1.7
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60 V

I _e	A	1.2
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110 V

I _e	A	0.8
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220 V

I _e	A	0.3
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Lifespan, electrical

AC-15

230 V/0.5 A

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Operations	x 10 ⁶	1.6
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230 V/1.0 A

Operations	x 10 ⁶	1
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230 V/3.0 A

Operations	x 10 ⁶	0.7
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DV-13

12 V/2.8 A

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Operations	x 10 ⁶	1.2
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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

0

contact

Number of contacts as normally open

1

contact

Number of contacts as normally closed

0

contact

Rated operation current I_e at AC-15,

A

6

230 V

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

