



1 CONTACT

Part no.

E01

Article no.




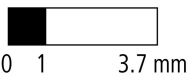
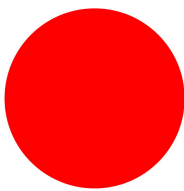
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Powering Business Worldwide™

Admissible operational voltage: 5 - 250 V

Program

Product range			RMQ16 (drilling dimensions 16 mm)
Basic function			Accessories
Single unit/Complete unit			Single unit
Description			admissible operating voltage: 5 – 250 V
Auxiliary contacts:  = safety function, by positive opening to IEC/EN 60947-5-1			
N/C = Normally closed			1 B 
Contact sequence			
Contact diagram			
Colour			red
			
Connection to SmartWire-DT			no

Approvals

UL approval
 CSA approval
 Product Standards
 UL File No.
 UL CCN
 CSA File No.
 CSA Class No.
 NA Certification

Yes
 Yes
 IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
 E29184
 NKCR
 46552
 3211-03
 UL listed, CSA certified

General

Standards			IEC/EN 60947
Lifespan, mechanical	Operations	$\times 10^6$	> 100
Operating frequency	Operations/h		$\frac{1}{3600}$
Actuating force		n	$\frac{1}{3}$
Degree of protection, IEC/EN 60529			IP20 with ISH2,8
Climatic proofing			Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30
Ambient temperature		°C	
Open		°C	- 25 - + 60
Enclosed		°C	- 25 - 40
Mounting position			As required
Mechanical shock resistance		g	> 40 according to IEC 60068-2-27 Shock duration 11 ms Sinusoidal
Terminal capacities		mm ²	0.5 - 1.0
Blade terminal			2.8 x 0.8 mm to DIN 46244
Fast-on connectors			2.8 x 0.8 mm to DIN 46247 and IEC 60760

Contacts

Rated impulse withstand voltage	U_{imp}	V AC	4000
Rated insulation voltage	U_i	V	250
Overvoltage category/pollution degree			III/3
Rated operational voltage	U_e	V AC	250
Control circuit reliability			
at 24 V DC/5 mA	H_F	Fault probability	$< 10^{-7}$ (i.e. 1 failure to 10^7 operations)
at 5 V DC/1 mA	H_F	Fault probability	$< 5 \times 10^{-6}$ (i.e. 1 failure in 5×10^6 operations)
Use of insulated ferrule ISH 2,8			>24 V AC/DC recommended >50 V AC or 120 V DC is mandatory, even on unused blade terminals
Max. short-circuit protective device			
Fuseless		Type	FAZ-B6/1
Fuse	gG/gL	A	10

Switching capacity

Rated operational current	I_e	A	
AC-15			
24 V	I_e	A	4
48 V	I_e	A	4
110 V	I_e	A	4
220 V 230 V 240 V	I_e	A	4
DC-13			
24 V	I_e	A	3
42 V	I_e	A	1
60 V	I_e	A	0.8
110 V	I_e	A	0.5
220 V	I_e	A	0.2
Lifespan, electrical AC-15 to IEC/EN 60947-5-1 at 230 V; I_e = rated operational current			

Technical data according to ETIM 4.0

Suitable for earth leakage circuit breaker		No
Type of electric connection		Screw connection
Rated operation current I _e at AC-15, 230 V	A	6
Mounting type		Front mount
Suitable for pendant switch		No
Suitable for front element		YES
Suitable for circuit-breakers		No
Suitable for safety position switches		No
Suitable for step switches		No
Suitable for pressure switch/selector switch actuator		YES
Suitable for cam switches		No
Suitable for motor protective circuit breakers		No
Suitable for series-mounting relays		No
Suitable for solenoid		No
Suitable for compact switch-disconnector		No
Suitable for miniature circuit-breakers		No
Suitable for pulse relay		No
Suitable for contactor relay relay		No
Suitable for pendant pushbutton		No
Suitable for residual current device		No
Number of contacts as change-over contact		0
Number of contacts as N/O		0
Number of contacts as NC		1
Suitable for impulse relays		No
Suitable for position switches		No
Suitable for switch-disconnector/residual current device		No
Suitable for contactors		No
Suitable for installation contactor / installation relay		No

Additional product information (links)

IL04716016Z (AWA1160-1429) Mounting of components	
IL04716016Z (AWA1160-1429) Mounting of components	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716016Z2011_03.pdf