

**1 CONTACT**

**Part no.  
Article no.**


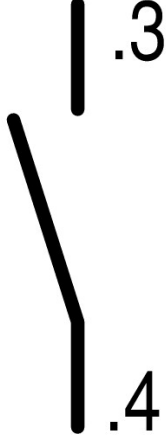

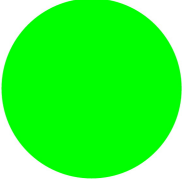
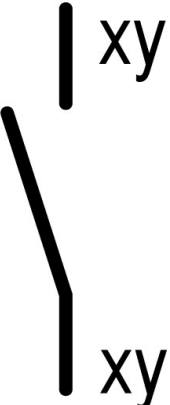
**E10  
090351**



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/O = Normally open			1 M
Contact sequence			
Contact diagram			 0 2.2 3.7 mm
Colour			green
			
Connection to SmartWire-DT			no
Note for table header			 <p>x = Sequence number on front element y = Function number on contact element</p>

## 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	x 10 <sup>6</sup>	> 100
Operating frequency	Operations/ h		 3600
Actuating force		n	 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 <sup>2</sup>	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

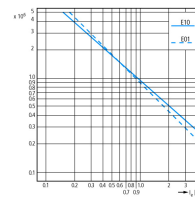
## Contacts

Rated impulse withstand voltage	U <sub>imp</sub>	V AC	4000
Rated insulation voltage	U <sub>i</sub>	V	250
Overvoltage category/pollution degree			III/3
Rated operational voltage	U <sub>e</sub>	V AC	250
Control circuit reliability			
at 24 V DC/5 mA	H <sub>F</sub>	Fault probability	< 10 <sup>-7</sup> (i.e. 1 failure to 10 <sup>7</sup> operations)
at 5 V DC/1 mA	H <sub>F</sub>	Fault probability	< 5 x 10 <sup>-6</sup> (i.e. 1 failure in 5 x 10 <sup>6</sup> 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 <sub>e</sub>	A	
AC-15			
24 V	I <sub>e</sub>	A	4
48 V	I <sub>e</sub>	A	4
110 V	I <sub>e</sub>	A	4
220 V 230 V 240 V	I <sub>e</sub>	A	4
DC-13			
24 V	I <sub>e</sub>	A	3
42 V	I <sub>e</sub>	A	1
60 V	I <sub>e</sub>	A	0.8
110 V	I <sub>e</sub>	A	0.5
220 V	I <sub>e</sub>	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			1
Number of contacts as NC			0
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

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[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL04716016Z2011\\_03.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716016Z2011_03.pdf)