

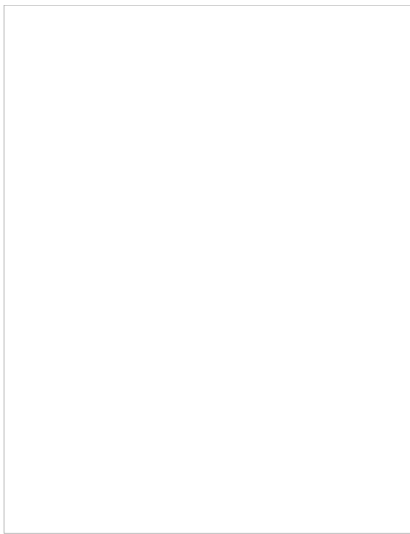
**RMQ16 MODULAR PILOT DEVICES**  
**090401**

  
Overview

  
Specifications

  
Resources

**How to buy**



# 090401

Eaton Moeller® series E01 Contact element, 1 N/C, connection

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**072377**

Eaton Moeller® series RMQ16 Key-operated actuator, 3 positions, black, momentary Q25S3

**072308**

Eaton Moeller® series RMQ16 Selector switch, 3 positions, white, momentary Q18WK3

**072325**

Eaton Moeller® series RMQ16 Illuminated selector switch actuator, maintained, 45° 45°, 18 × 18 mm, 3 positions, With thumb-grip, White, with VS anti-rotation tab, without light elements, With base, W2x4,6d; max. 30 V, 1 W

**072321**

Eaton Moeller® series RMQ16 actuator, 3 positions, black, momentary Q18S3R-A7

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## GENERAL SPECIFICATIONS

General specifications	>	<b>PRODUCT NAME</b>	Eaton Moeller® series E01 Accessory Contact elem
		<b>CATALOG NUMBER</b>	090401
Product specifications	>	<b>MODEL CODE</b>	E01
		<b>EAN</b>	4015080904014
		<b>PRODUCT LENGTH/DEPTH</b>	6 mm
		<b>PRODUCT HEIGHT</b>	29 mm
		<b>PRODUCT WIDTH</b>	18 mm
		<b>PRODUCT WEIGHT</b>	0.003 kg
		<b>CERTIFICATIONS</b>	UL Category Control No.: NKCR UL 508 IEC/EN 60947-5 CSA File No.: 46552 CSA CSA Class No.: 3211-03 CE UL CSA-C22.2 No. 14-05 UL File No.: E29184 IEC/EN 60947

## PRODUCT SPECIFICATIONS

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	4 A
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications must be observed.
<b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN</b>	25 °C
<b>LAMP HOLDER</b>	None
<b>TERMINAL SIZE</b>	2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-c 2.8 x 0.8 mm to DIN 46244, Blade terminal
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications must be observed.
<b>MOUNTING METHOD</b>	Front fastening
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to
<b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX</b>	40 °C
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF</b>	

<b>10.2.5.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	1 kA
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	60 °C
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V</b>	4 A
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to
<b>MOUNTING POSITION</b>	As required
<b>RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V</b>	6 A
<b>ELECTRIC CONNECTION TYPE</b>	Screw connection
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the instruction leaflet (IL) is observed.
<b>RATED OPERATIONAL CURRENT (IE) AT DC-13, 42 V</b>	1 A
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	1
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0.1 W
<b>OPERATING FREQUENCY</b>	3600 Operations/h
<b>SHORT-CIRCUIT PROTECTION</b>	FAZ-B6/1, Fuseless
<b>PRODUCT CATEGORY</b>	Accessories
<b>NUMBER OF SWITCHES (FAULT SIGNAL)</b>	0
<b>TERMINAL CAPACITY</b>	0.5 - 1.0 mm <sup>2</sup>

<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>RATED OPERATIONAL CURRENT (IE) AT DC-13, 60 V</b>	0.8 A
<b>RATED OPERATIONAL CURRENT (IE)</b>	4 A at AC-15, 48 V 4 A at AC-15, 110 V
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>CONNECTION TYPE</b>	Blade terminal
<b>LIFESPAN, MECHANICAL</b>	100,000,000 Operations
<b>RATED OPERATIONAL CURRENT (IE) AT DC-13, 220 V, 230 V</b>	0.2 A
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>CONTROL CIRCUIT RELIABILITY</b>	1 failure per 5,000,000 switching operations (statistical) 5 V DC/1 mA) 1 failure per 10,000,000 switching operations (Statistical) 24 V DC/5 mA)
<b>OVERVOLTAGE CATEGORY</b>	III
<b>DEGREE OF PROTECTION</b>	IP20, with Insulated ferrule ISH2,8
<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>	250 V
<b>POLLUTION DEGREE</b>	3
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>ACTUATING FORCE - MAX</b>	3 N
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4000 V AC
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise. Eaton will provide heat dissipation data for the device.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>SHORT-CIRCUIT PROTECTION RATING</b>	Max. 10 A gG/gL, Fuse, Contacts
<b>MODEL</b>	Top mounting
<b>RATED OPERATIONAL CURRENT (IE) AT DC-13, 110 V</b>	0.5 A

NUMBER OF CONTACTS (CHANGE-OVER CONTACTS) 0

SHOCK RESISTANCE

40 g, Mechanical, According to IEC/EN 60068-2-27

11 ms

Mechanical, According to IEC/EN 60068-2-27

RATED INSULATION VOLTAGE (UI)

250 V

RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V

1.5 A



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090401

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