

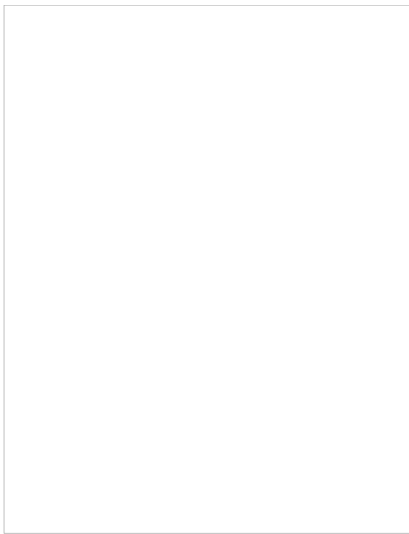
**RMQ16 MODULAR PILOT DEVICES**  
**090241**

  
Overview

  
Specifications

  
Resources

**How to buy**



**090241**

Eaton Moeller® series RMQ16 Pushbutton, blue, m

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**090351**

Eaton Moeller® series E10 Accessory  
Contact element, 1 N/O, Front fastening,  
Blade terminal

**090401**

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

**046299**

Eaton Moeller® series RMQ16 Surface  
mounting enclosure, 8 mounting locations

**036976**

Eaton Moeller® series RMQ16  
plug, black, IP65\_x Q25BS

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General specifications	>	<b>PRODUCT NAME</b>	Eaton Moeller® series RMQ16 Pushbutton
		<b>CATALOG NUMBER</b>	090241
Product specifications	>	<b>MODEL CODE</b>	Q18DR-BL
		<b>EAN</b>	4015080902416
		<b>PRODUCT LENGTH/DEPTH</b>	50 mm
		<b>PRODUCT HEIGHT</b>	18 mm
		<b>PRODUCT WIDTH</b>	18 mm
		<b>PRODUCT WEIGHT</b>	0.007 kg
		<b>CERTIFICATIONS</b>	UL 508 CSA Class No.: 3211-03 UL Category Control No.: NKCR UL File No.: E29184 CE CSA-C22.2 No. 14-05 IEC/EN 60947-5 CSA VDE 0660 CSA File No.: 46552 IEC/EN 60947 UL

## PRODUCT SPECIFICATIONS

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 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>OPENING DIAMETER</b>	16 mm
<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>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to
<b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX</b>	40 °C
<b>DESIGN</b>	Flat
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.

<b>FRONT ELEMENT TYPE</b>	Flat
<b>FITTED WITH:</b>	Front ring
<b>INSCRIPTION</b>	Blank
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP65 NEMA 1
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>ACTUATING FORCE</b>	4 N
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	60 °C
<b>BEZEL COLOR</b>	Black
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>NUMBER OF COMMAND POSITIONS</b>	1
<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>ACTUATOR FUNCTION</b>	Maintained Switching function latching
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the instruction leaflet (IL) is observed.
<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>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 W
<b>OPERATING FREQUENCY</b>	1800 Operations/h
<b>PRODUCT CATEGORY</b>	RMQ16
<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>WIDTH OPENING</b>	0 mm
<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>LIFESPAN, MECHANICAL</b>	3,000,000 Operations
<b>BEZEL MATERIAL</b>	Plastic
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>DEGREE OF PROTECTION</b>	NEMA 1 IP65
<b>ACTUATOR COLOR</b>	Blue
<b>OPENING HEIGHT</b>	0 mm
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	Not applicable.
<b>SIZE</b>	Front dimensions: 18 x 18 mm
<b>LENS TYPE</b>	Square
<b>TYPE</b>	Pushbutton actuator
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>SHOCK RESISTANCE</b>	40 g, Mechanical, According to IEC/EN 60068-2-27 11 ms Mechanical, According to IEC/EN 60068-2-27



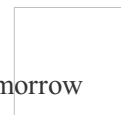
## Configurator

RMQ pushbuttons & pilot devices



## Machine operation

The human-machine interface of tomorrow



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090241



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