

## RMQ16 MODULAR PILOT DEVICES

088123



Overview

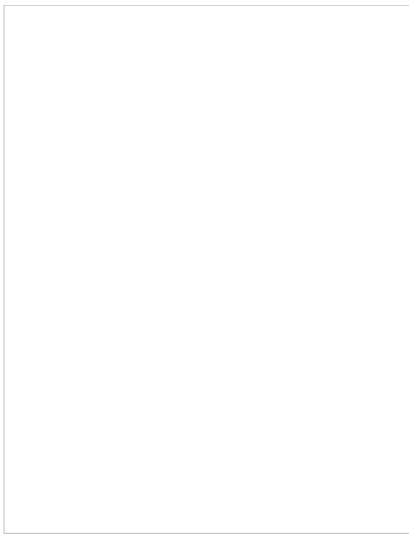


Specifications



Resources

How to



# 088123

Eaton Moeller® series RMQ16 Illuminated pushbutton maintained Q18LTR-WS

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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

**208728**

Eaton Moeller® series RMQ16 LED, W2x4.6d, 18-30VDC, 7-12.5mA, white

**046299**

Eaton Moeller® series RMQ16 mounting enclosure, 8 mounting

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### GENERAL SPECIFICATIONS

General specifications	>	<b>PRODUCT NAME</b>	Eaton Moeller® series RMQ16 Illuminated pushbutton
		<b>CATALOG NUMBER</b>	088123
Product specifications	>	<b>MODEL CODE</b>	Q18LTR-WS
		<b>EAN</b>	4015080881230
		<b>PRODUCT LENGTH/DEPTH</b>	59 mm
		<b>PRODUCT HEIGHT</b>	18 mm
		<b>PRODUCT WIDTH</b>	18 mm
		<b>PRODUCT WEIGHT</b>	0.009 kg
		<b>CERTIFICATIONS</b>	CE CSA Class No.: 3211-03 IEC/EN 60947 IEC/EN 60947-5 UL UL File No.: E29184 CSA CSA-C22.2 No. 14-05 UL 508 CSA File No.: 46552 UL Category Control No.: NKCR

## 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-on 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 be lifted.
<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>	LED W2x4, 6d, max. 30 V, 1 W Front ring
<b>INSCRIPTION</b>	Blank
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	NEMA 1 IP65
<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>SUITABLE FOR</b>	Illumination
<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>	30,000,000 Operations
<b>BEZEL MATERIAL</b>	Plastic
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>CONTROL CIRCUIT RELIABILITY</b>	1 failure per 10,000,000 switching operations (Statistical) 24 V DC/5 mA) 1 failure per 5,000,000 switching operations (statistical) 5 V DC/1 mA)
<b>OVERVOLTAGE CATEGORY</b>	III
<b>DEGREE OF PROTECTION</b>	NEMA 1 IP65
<b>ACTUATOR COLOR</b>	White
<b>OPENING HEIGHT</b>	0 mm
<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>	24 V
<b>POLLUTION DEGREE</b>	3
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	800 V AC
<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>	Illuminated 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>	Mechanical, According to IEC/EN 60068-2-27 40 g, Mechanical, According to IEC/EN 60068-2-27 11 ms
<b>RATED INSULATION VOLTAGE (UI)</b>	250 V



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RMQ pushbuttons & pilot devices



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## mCAD model

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