

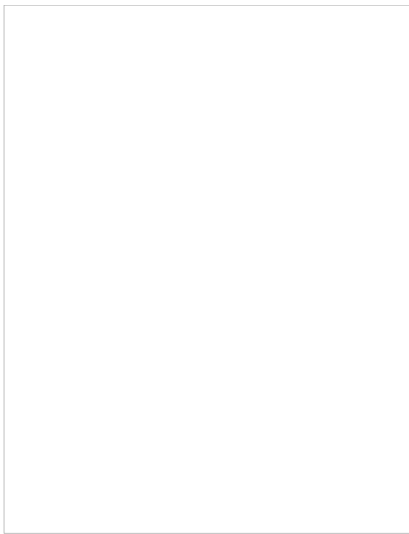
RMQ16 MODULAR PILOT DEVICES
086813


Overview


Specifications


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086813

Eaton Moeller® series RMQ16 Illuminated pushbutton
maintained Q18LTR-BL

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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

089247
Eaton Moeller® series RMQ16
lamp, 24-28V, W2x4, 6 d, 1W

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton Moeller® series RMQ16 Illuminated pushbutton
		CATALOG NUMBER	086813
Product specifications	>	MODEL CODE	Q18LTR-BL
		EAN	4015080868132
		PRODUCT LENGTH/DEPTH	59 mm
		PRODUCT HEIGHT	18 mm
		PRODUCT WIDTH	18 mm
		PRODUCT WEIGHT	0.009 kg
		CERTIFICATIONS	IEC/EN 60947-5 CSA-C22.2 No. 14-05 CSA IEC/EN 60947 UL File No.: E29184 CE CSA File No.: 46552 UL 508 UL Category Control No.: NKCR UL CSA Class No.: 3211-03

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	25 °C
OPENING DIAMETER	16 mm
TERMINAL SIZE	2.8 x 0.8 mm to DIN 46244, Blade terminal 2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-c
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
DESIGN	Flat
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
FRONT ELEMENT TYPE	Flat

FITTED WITH:	LED W2x4, 6d, max. 30 V, 1 W Front ring
INSCRIPTION	Blank
DEGREE OF PROTECTION (FRONT SIDE)	IP65 NEMA 1
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
ACTUATING FORCE	4 N
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
BEZEL COLOR	Black
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
NUMBER OF COMMAND POSITIONS	1
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
MOUNTING POSITION	As required
ACTUATOR FUNCTION	Maintained Switching function latching
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPERATING FREQUENCY	1800 Operations/h
PRODUCT CATEGORY	RMQ16
TERMINAL CAPACITY	0.5 - 1.0 mm ²
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W

SUITABLE FOR	Illumination
WIDTH OPENING	0 mm
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
LIFESPAN, MECHANICAL	30,000,000 Operations
BEZEL MATERIAL	Plastic
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
CONTROL CIRCUIT RELIABILITY	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)
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP65 NEMA 1
ACTUATOR COLOR	Blue
OPENING HEIGHT	0 mm
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	24 V
POLLUTION DEGREE	3
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	800 V AC
10.10 TEMPERATURE RISE	Not applicable.
SIZE	Front dimensions: 18 x 18 mm
LENS TYPE	Square
TYPE	Illuminated pushbutton actuator
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 40 g, Mechanical, According to IEC/EN 60068-2-27 11 ms
RATED INSULATION VOLTAGE (UI)	250 V



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RMQ pushbuttons & pilot devices



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