

RMQ16 MODULAR PILOT DEVICES
089776


Overview


Specifications


Resources

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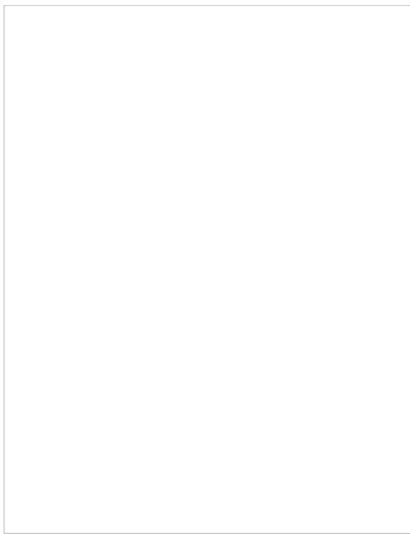


Photo is representative

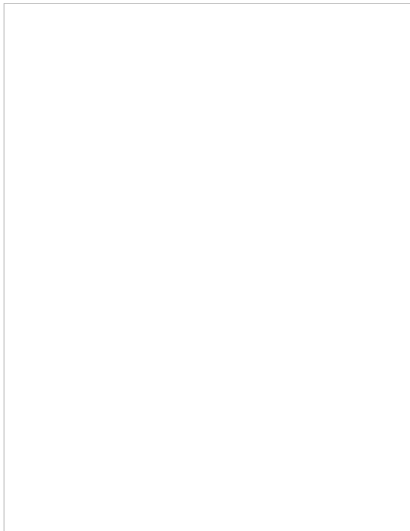


Photo is representative

089776

Eaton Moeller® series RMQ16 Illuminated pushbutton
momentary Q18LT-RT

How to buy

[Configure pilot devices online](#)

Designed to work together

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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

208726

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

046299

Eaton Moeller® series RMQ16 S
mounting enclosure, 8 mounting

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GENERAL SPECIFICATIONS

General specifications

>

PRODUCT NAME Eaton Moeller® series RMQ16 Illuminated pushbut

CATALOG NUMBER 089776

Product specifications

>

MODEL CODE Q18LT-RT

EAN 4015080897767

PRODUCT LENGTH/DEPTH 59 mm

PRODUCT HEIGHT 18 mm

PRODUCT WIDTH 18 mm

PRODUCT WEIGHT 0.009 kg

CERTIFICATIONS

CSA
UL 508
IEC/EN 60947
UL File No.: E29184
IEC/EN 60947-5
UL
CSA-C22.2 No. 14-05
CSA Class No.: 3211-03
CSA File No.: 46552
CE
UL Category Control No.: NKCR

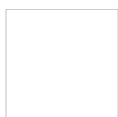
PRODUCT SPECIFICATIONS

**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 46247 and IEC 60760, Fast-c 2.8 x 0.8 mm to DIN 46244, Blade terminal
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)	NEMA 1 IP65
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

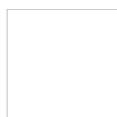
ACTUATOR FUNCTION	Spring-return Momentary
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel 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	3600 Operations/h
PRODUCT CATEGORY	RMQ16
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	3,000,000 Operations
BEZEL MATERIAL	Plastic
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
CONTROL CIRCUIT RELIABILITY	1 failure per 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)
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP65 NEMA 1
ACTUATOR COLOR	Red
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



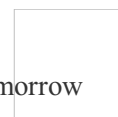
Configurator

RMQ pushbuttons & pilot devices



Machine operation

The human-machine interface of tomorrow



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eCAD model

Installation instructions

mCAD model



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