

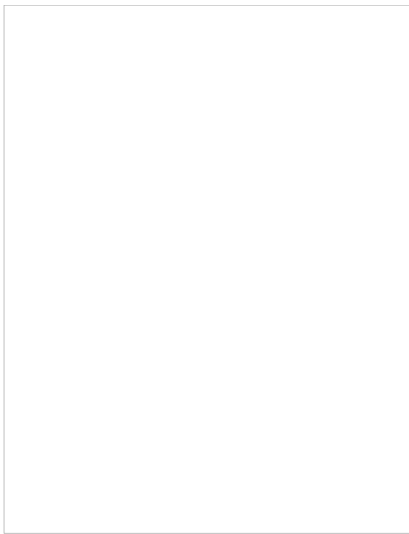
RMQ16 MODULAR PILOT DEVICES
093625


Overview


Specifications


Resources

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093625

Eaton Moeller® series RMQ16 Pushbutton, without
Q18DR-X

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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

General specifications

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PRODUCT NAME	Eaton Moeller® series RMQ16 Pushbutton
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Product specifications

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CATALOG NUMBER	093625
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MODEL CODE	Q18DR-X
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EAN	4015080936251
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PRODUCT LENGTH/DEPTH	50 mm
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PRODUCT HEIGHT	18 mm
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PRODUCT WIDTH	18 mm
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PRODUCT WEIGHT	0.007 kg
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CERTIFICATIONS	IEC/EN 60947 IEC/EN 60947-5 CSA VDE 0660 UL 508 CSA File No.: 46552 CE UL CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 UL Category Control No.: NKCR UL File No.: E29184
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PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
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10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
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AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °C
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OPENING DIAMETER	16 mm
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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
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10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
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10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
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10.2.5 LIFTING	Does not apply, since the entire switchgear needs to
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AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
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DESIGN	Flat
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10.2.3.1 VERIFICATION OF THERMAL STABILITY OF	
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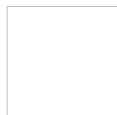
ENCLOSURES	Meets the product standard's requirements.
FRONT ELEMENT TYPE	Flat
FITTED WITH:	Front ring
DEGREE OF PROTECTION (FRONT SIDE)	IP65 NEMA 1
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
ACTUATING FORCE	4 N
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
BEZEL COLOR	Black
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
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 PER POLE	0 W

HEAT DISSIPATION CAPACITY PDISS	U w
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.
DEGREE OF PROTECTION	IP65 NEMA 1
ACTUATOR COLOR	Without button plate
OPENING HEIGHT	0 mm
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	Not applicable.
SIZE	Front dimensions: 18 x 18 mm
LENS TYPE	Square
TYPE	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	40 g, Mechanical, According to IEC/EN 60068-2-27 11 ms Mechanical, According to IEC/EN 60068-2-27



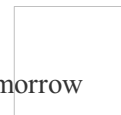
Configurator

RMQ pushbuttons & pilot devices



Machine operation

The human-machine interface of tomorrow



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eCAD model

Installation instructions

mCAD model

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