

Specifications



Eaton 072371

Eaton Moeller® series RMQ16 Emergency-stop pushbutton, illuminated

General specifications

PRODUCT NAME	Eaton Moeller® series RMQ16 Emergency stop/emergency switching off pushbutton
CATALOG NUMBER	072371
EAN	4015080723714
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	28 mm
PRODUCT WIDTH	28 mm
PRODUCT WEIGHT	0.033 kg
CERTIFICATIONS	CSA Class No.: 3211-03 IEC/EN 60947 CSA-C22.2 No. 14-05 IEC/EN 60947-5 CSA UL Category Control No.: NKCR CE CSA File No.: 46552 UL File No.: E29184 UL UL 508
MODEL CODE	Q25LPV

Product specifications

TYPE	Controlled stop pushbutton/emergency-stop button
ACTUATOR COLOR	Red
FEATURES	Tamper-proof (according to ISO 13850, EN 418)
ACTUATOR FUNCTION	Switching function latching Spring-return Pull-to-release
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.5 LIFTING	Does not apply, since the

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf eaton-rmq-titan-brochure-br047004en-en-us.pdf
DECLARATIONS OF CONFORMITY	DA-DC-00004330.pdf DA-DC-00004331.pdf
DRAWINGS	eaton-operating-emergency-rmq16-dimensions.eps eaton-operating-actuation-rmq16-dimensions.eps eaton-operating-emergency-rmq16-3d-drawing-002.eps eaton-operating-button-m22-symbol-006.eps
ECAD MODEL	ETN.072371.edz
INSTALLATION INSTRUCTIONS	IL04716029Z
MCAD MODEL	leucht_not.stp DA-CS-not DA-CD-not

	entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
OPERATING FREQUENCY	600 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	No
ACTUATING FORCE	25 N
ACTUATOR DIAMETER	28 mm
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C

AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	25 °C
DIAMETER CAP	28 mm
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPENING DIAMETER	16 mm
OPENING HEIGHT	0 mm
RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	24 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	800 V AC
ILLUMINATION	Illuminated
BEZEL COLOR	Other
SHOCK RESISTANCE	40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
BEZEL MATERIAL	Other
TERMINAL CAPACITY	0.5 - 1.0 mm ²
DESIGN	Mushroom-shaped
MOUNTING POSITION	As required
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-on connectors
OVERVOLTAGE CATEGORY	III
CONTROL CIRCUIT RELIABILITY	1 failure per 10,000,000 switching operations (Statistically determined, at 24 V DC/5 mA)

	1 failure per 5,000,000 switching operations (statistically determined, at 5 V DC/1 mA)
DEGREE OF PROTECTION	IP65 NEMA 1
FRONT ELEMENT TYPE	High
LENS TYPE	Round
LIFESPAN, MECHANICAL	100,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0.36 W
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ16
SIZE	Front dimensions: 25 × 25 mm
SUPPLY VOLTAGE LAMP	0 V
SUITABLE FOR	Illumination Emergency stop
UNLOCKING METHOD	Pull-release

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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