

Eaton 038883

Eaton Moeller® series RMQ16 Illuminated selector switch actuator, momentary, 45°, 18 × 18 mm, 2 positions, With thumb-grip, green, with VS anti-rotation tab, with filament bulb, 24 V

PRODUCT NAME	Eaton Moeller® series RMQ16 Illuminated selector switch actuator
CATALOG NUMBER	038883
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	18 mm
PRODUCT WIDTH	18 mm
PRODUCT WEIGHT	0.014 kg
CERTIFICATIONS	CSA-C22.2 No. 14-05 UL File No.: E29184 UL CSA CSA Class No.: 3211-03 CSA File No.: 46552 IEC/EN 60947 UL 508 UL Category Control No.: NKCR CE IEC/EN 60947-5

TYPE	Illuminated selector switch actuator
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Spring-return Momentary
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 entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.

MCAD MODEL	leuchtwahl_18.stp
	IL04716016Z
	eaton-operating-switch-rmq16-dimensions.eps
	eaton-operating-button-symbol-004.eps

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.
FITTED WITH:	VS anti-rotation tab Filament bulb (24 V)
OPERATING FREQUENCY	1800 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
ACTUATOR TYPE	Toggle
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
EQUIPMENT HEAT	0 W

DISSIPATION, CURRENT-DEPENDENT PVID	
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPENING DIAMETER	16 mm
OPENING HEIGHT	0 mm
OPERATING TORQUE	0.2 Nm
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
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	1 W
SWITCHING ANGLE	45 °
WIDTH OPENING	0 mm
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	800 V AC
BEZEL COLOR	Black
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	Plastic
TERMINAL CAPACITY	0.5 - 1.0 mm ²
DESIGN	With thumb-grip
MOUNTING POSITION	As required
TERMINAL SIZE	2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal
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	NEMA 1
DEGREE OF PROTECTION (FRONT SIDE)	IP65
INDICATOR COLOR	Green
LENS TYPE	Square
LIFESPAN, MECHANICAL	3,000,000 Operations
NUMBER OF SWITCH POSITIONS	2
SIZE	Front dimensions: 18 x 18 mm
PRODUCT CATEGORY	RMQ16
SUITABLE FOR	Illumination

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
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