Specifications

Eaton 088531

Eaton Moeller® series RMQ16 Pushbutton, green, maintained Q25DR-GN

General specifications	
PRODUCT NAME	Eaton Moeller® series RMQ16 Pushbutton
CATALOG NUMBER	088531
MODEL CODE	Q25DR-GN
EAN	4015080885313
PRODUCT LENGTH/DEPTH	50 mm
PRODUCT HEIGHT	25 mm
PRODUCT WIDTH	25 mm
PRODUCT WEIGHT	0.008 kg
CERTIFICATIONS	CSA File No.: 46552 CE UL File No.: E29184 CSA-C22.2 No. 14-05 IEC/EN 60947-5 IEC/EN 60947 UL 508 UL Category Control No.: NKCR CSA Class No.: 3211-03 CSA VDE 0660 UL

Product specifications

TYPE	Pushbutton actuator
ACTUATOR COLOR	Green
ACTUATOR FUNCTION	Switching function latching Maintained
10.10 TEMPERATURE RISE	Not applicable.
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.
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.

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	eaton-illuminated-pushbutton-actuator-declaration-of-conformity-eu251533en.pdf
DRAWINGS	eaton-operating-pushbutton-rmq16-dimensions.eps eaton-operating-button-symbol-011.eps
ECAD MODEL	ETN.088531.edz
INSTALLATION INSTRUCTIONS	IL04716016Z
MCAD MODEL	DA-CS-druck_25 eaton-pushbuttons-mcad-drawings-druck-25.dwg

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:	Front ring
OPERATING FREQUENCY	1800 Operations/h
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
ACTUATING FORCE	4 N
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 DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF COMMAND POSITIONS	1
OPENING DIAMETER	16 mm
OPENING HEIGHT	0 mm
RATED OPERATIONAL	0 A

CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	
BEZEL COLOR	Black
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
BEZEL MATERIAL	Plastic
TERMINAL CAPACITY	0.5 - 1.0 mm²
DESIGN	Flat
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
DEGREE OF PROTECTION	IP65 NEMA 1
DEGREE OF PROTECTION (FRONT SIDE)	IP65 NEMA 1
INSCRIPTION	Blank
FRONT ELEMENT TYPE	Flat
LENS TYPE	Square
LIFESPAN, MECHANICAL	3,000,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ16
SIZE	Front dimensions: 25 x 25 mm

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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