Specifications

Eaton 086788

Eaton Moeller® series RMQ16 Pushbutton, black, momentary Q18D-SW

General specifications	
PRODUCT NAME	Eaton Moeller® series RMQ16 Pushbutton
CATALOG NUMBER	086788
EAN	4015080867883
PRODUCT LENGTH/DEPTH	50 mm
PRODUCT HEIGHT	18 mm
PRODUCT WIDTH	18 mm
PRODUCT WEIGHT	0.007 kg
CERTIFICATIONS	IEC/EN 60947-5 UL File No.: E29184 CSA Class No.: 3211-03 IEC/EN 60947 UL 508 UL UL Category Control No.: NKCR CSA File No.: 46552 VDE 0660 CE CSA-C22.2 No. 14-05 CSA
MODEL CODE	Q18D-SW



Features & Functions

BEZEL COLOR	Black
BEZEL MATERIAL	Plastic
DESIGN	Flat
FITTED WITH:	Front ring
INSCRIPTION	Blank

General

DEGREE OF PROTECTION	IP65 NEMA 1
DEGREE OF PROTECTION (FRONT SIDE)	NEMA 1 IP65
LIFESPAN, MECHANICAL	3,000,000 Operations
OPENING DIAMETER	16 mm
OPERATING FREQUENCY	3600 Operations/h
PRODUCT CATEGORY	RMQ16
SIZE	Front dimensions: 18 x 18 mm
ТҮРЕ	Pushbutton actuator

Ambient conditions, mechanical		Clima
MOUNTING POSITION As required		AMBIEN
	40 g, Mechanical,	TEMPE
SHOCK RESISTANCE	According to IEC/EN	AMBIEN
	60068-2-27, Sinusoidal	TEMPE
	shock 11 ms	AMBIEN
	Mechanical, According to	TEMPE
	IEC/EN 60068-2-27	(ENCLO

Climatic environmental conditionsAMBIENT OPERATING
TEMPERATURE - MIN-25 °CAMBIENT OPERATING
TEMPERATURE - MAX60 °CAMBIENT OPERATING
TEMPERATURE25 °CAMBIENT OPERATING
TEMPERATURE25 °CAMBIENT OPERATING
TEMPERATURE25 °C

TEMPERATURE (ENCLOSED) - MAX	40 °C
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Actuator	
ACTUATING FORCE	4 N
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Spring-return Momentary

Communication

CONNECTION TO	No
SMARTWIRE-DT	INO

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS0 WHEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID0 WRATED OPERATIONAL CURRENT FOR SPECIFIED0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 W10.2.2 CORROSION RESISTANCEMeets the product standard's requirements.10.2.3.1 VERIFICATION OF FINCUSURESMeets the product standard's requirements.10.2.3.2 VERIFICATION OF FINSUL MAT. TO ABNORMAL HEATMeets the product standard's requirements.10.2.3.3 RESIST. OF INSUL MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTSDoes not apply, since the entire switchgear needs to be evaluated.10.2.4 RESISTANCE OF INSUL MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTSDoes not apply, since the entire switchgear needs to be evaluated.10.2.5 LIFTINGMeets the product standard's requirements.10.3 DEGREE OF ROTECTION OF ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.3 DEGREE OF ROTECTION OF ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 CLEARANCES AND CLEARANCES AND <th>Design vernication</th> <th></th>	Design vernication	
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Resources	
CATALOGUES	eaton-pushbuttons-signal- towers-sensors- assortment-overview- catalog-ca047003en-en- us.pdf
	<u>eaton-rmq-titan-brochure-</u> <u>br047004en-en-us.pdf</u>
DECLARATIONS OF	DA-DC-00004158.pdf
CONFORMITY	DA-DC-00004136.pdf
DRAWINGS	<u>eaton-operating-</u> <u>pushbutton-rmq16-</u> <u>dimensions.eps</u>
	<u>eaton-operating-button-</u> <u>symbol-012.eps</u>
ECAD MODEL	ETN.086788.edz
INSTALLATION INSTRUCTIONS	<u>IL04716016Z</u>
MCAD MODEL	DA-CD-druck 18
	DA-CS-druck_18

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	ls the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	ls the panel builder's responsibility.
10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	ls the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	ls the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	ls the panel builder's responsibility.
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.

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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