

Pushbutton, black, momentary



Part no. Q18D-SW
086788
EL Number 4356273
(Norway)

General specifications		
Product name		Eaton Moeller® series RMQ16 Pushbutton
Part no.		Q18D-SW
EAN		4015080867883
Product Length/Depth		50 millimetre
Product height		18 millimetre
Product width		18 millimetre
Product weight		0.007 kilogram
Certifications		IEC/EN 60947 VDE 0660 CE UL 508 UL Category Control No.: NKCR CSA File No.: 46552 IEC/EN 60947-5 CSA CSA Class No.: 3211-03 UL File No.: E29184 UL CSA-C22.2 No. 14-05
Product Tradename		RMQ16
Product Type		Pushbutton
Product Sub Type		None
Features & Functions		
Bezel color		Black
Bezel material		Plastic
Design		Flat
Fitted with:		Front ring
Inscription		Blank
General information		
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
Type		Pushbutton actuator
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		60 °C
Ambient operating temperature (enclosed) - min		25 °C
Ambient operating 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 SmartWire-DT		No
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0 W
Heat dissipation capacity P _{diss}		0 W
Heat dissipation per pole, current-dependent P _{vid}		0 W
Rated operational current for specified heat dissipation (I _n)		0 A
Static heat dissipation, non-current-dependent P _{vs}		0 W
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.
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.
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.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss13-27-37-12-10 [AKF028019])			
Colour button			Black
Number of command positions			1
Construction type lens			Square
Hole diameter		mm	16
Width opening		mm	0
Height opening		mm	0
Type of button			Flat
Suitable for illumination			No
With protective cover			No
Labelled			No
Switching function latching			No
Spring-return			Yes
With front ring			Yes
Material front ring			Plastic
Colour front ring			Black
Degree of protection (IP), front side			IP65
Degree of protection (NEMA), front side			1

