DATASHEET - Q25D-WS

Pushbutton, white, momentary

Part no. **Q25D-WS**
086808

Powering Business Worldwide™

General specifications	
Product name	Eaton Moeller® series RMQ16 Pushbutton
Part no.	Q25D-WS
EAN	4015080868088
Product Length/Depth	50 millimetre
Product height	25 millimetre
Product width	25 millimetre
Product weight	0.008 kilogram
Certifications	UL VDE 0660 CSA-C22.2 No. 14-05 IEC/EN 60947 UL Category Control No.: NKCR CE CSA File No.: 46552 UL File No.: E29184 CSA CSA Class No.: 3211-03 IEC/EN 60947-5 UL 508
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: 25 x 25 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	White

Actuator function		Spring-return Momentary
Communication		
Connection to SmartWire-DT		No
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdiss		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		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		White
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