DATASHEET - M22S-DR-W

Pushbutton, RMQ-Titan, Flat, maintained, White, Blank, Bezel: black

Part no. **M22S-DR-W**
216616

Product name	Eaton Moeller® series M22 Pushbutton
Part no.	M22S-DR-W
EAN	4015082166168
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.011 kilogram
Compliances	CE Marked GoST-R Bureau Veritas
Certifications	CSA Certified CCC Marked Lloyd's Register Certified UL CSA Class No.: 3211-03 IEC/EN 60947 CSA CSA-C22.2 No. 94-91 CSA File No.: 012528 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 UL File No.: E29184 UL 508 VDE 0660 CE IEC/EN 60947-5 GL DNV LR
Product Tradename	M22
Product Type	Pushbutton
Product Sub Type	None
Catalog Notes	Includes contact block mounting adapter.
Bezel color	Black
Bezel material	Plastic
Design	Flat Classical
Fitted with:	Front ring
Functions	Stay-put/spring-return function can be changed on device
Illumination	Non-illuminated
Inscription	Blank
Degree of protection	NEMA 3R NEMA 4X NEMA 12 IP66 IP69K NEMA 13 IP67
Degree of protection (front side)	NEMA 4X IP67/IP69K
Lifespan, mechanical	1,000,000 Operations (AC operated)
Opening diameter	22.5 mm
Operating frequency	1800 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 22 x 22 mm
Type	Pushbutton actuator

Mounting position	As required
Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	80 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Connection to SmartWire-DT	With SWD-RMQ connections Yes
Actuating force	5 N
Actuator color	White
Actuator function	Maintained Switching function latching
Force for positive opening - min	0 N
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 8.0

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@ss10.0.1-27-37-12-10 [AKF028014])

Colour button	White
Number of command positions	1
Construction type lens	Round

Hole diameter		mm	22.5
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			Yes
Spring-return			No
With front ring			Yes
Material front ring			Plastic
Colour front ring			Black
Degree of protection (IP), front side			IP67/IP69K
Degree of protection (NEMA), front side			4X

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