DATASHEET - M22S-W

Changeover switch, RMQ-Titan, With rotary head, momentary, 2 positions, inscribed, Bezel: black

Part no. **M22S-W**
216854

Product name	Eaton Moeller® series M22 Changeover switch
Part no.	M22S-W
EAN	4015082168544
Product Length/Depth	43 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.013 kilogram
Certifications	CSA CSA-C22.2 No. 94-91 CSA File No.: 012528 IEC/EN 60947 VDE 0660 UL Category Control No.: NKCR UL UL File No.: E29184 IEC/EN 60947-5 CE CSA-C22.2 No. 14-05 UL 508 CSA Class No.: 3211-03 GL LR DNV
Product Tradename	M22
Product Type	Changeover switch
Product Sub Type	None
Bezel color	Black
Bezel material	Plastic
Design	With rotary head Classical
Fitted with:	Front ring
Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Inscription	Inscribed
Degree of protection	NEMA 4X, 13
Degree of protection (front side)	IP66
Lifespan, mechanical	100,000 Operations
Opening diameter	22.5 mm
Operating frequency	2000 Operations/h
Operating torque	0.3 N·m
Product category	RMQ-Titan
Size	Front diameter: 29.7 mm
Switching angle	40 °
Type	Selector switch actuator
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
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, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Connection to SmartWire-DT			Yes With SWD-RMQ connections
Actuator color			Black
Actuator function			Momentary Spring-return
Actuator type			Turn button
Number of switch positions			2
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 selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss10.0.1-27-37-12-13 [AKF031014])

Number of switch positions			2
Type of control element			Turn button
Suitable for illumination			No
Colour control element			Black
Colour indicator light cap			Other
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
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			IP66
Degree of protection (NEMA)			4X, 13

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