

**Changeover switch, RMQ-Titan, With thumb-grip, maintained, 4 positions, Bezel: black**

**Part no. M22S-WRK4  
279432**

<b>General specifications</b>		
Product name		Eaton Moeller® series M22 Changeover switch
Part no.		M22S-WRK4
EAN		4015082794323
Product Length/Depth		45 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.016 kilogram
Certifications		UL Category Control No.: NKCR UL 508 UL CSA File No.: 012528 CSA VDE 0660 CSA-C22.2 No. 94-91 IEC/EN 60947-5 CSA-C22.2 No. 14-05 CSA Class No.: 3211-03 CE IEC/EN 60947 UL File No.: E29184 DNV GL LR
Product Tradename		M22
Product Type		Changeover switch
Product Sub Type		None
Catalog Notes		Labels → accessories Not suitable for coding adapters
<b>Features &amp; Functions</b>		
Bezel color		Black
Bezel material		Plastic
Design		With thumb-grip Classical
Fitted with:		Front ring
<b>General information</b>		
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
Type		Selector switch actuator
Used with		M22-A4 fixing adapter
<b>Ambient conditions, mechanical</b>		
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
<b>Climatic environmental conditions</b>		
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
<b>Communication</b>			
Connection to SmartWire-DT			Yes With SWD-RMQ connections
<b>Actuator</b>			
Actuator color			Black
Actuator function			Maintained Switching function latching
Actuator type			Toggle
Number of switch positions			4
<b>Contacts</b>			
Force for positive opening - min			0 N
<b>Design verification</b>			
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdis			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 selector switch (EC000222)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss13-27-37-12-13 [AKF031019])			
Number of switch positions			4
Type of control element			Toggle
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			Yes
Spring-return			No
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