

**Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 3 positions, green, Bezel: black**



**Part no. M22S-WRLK3-G  
216848**

<b>General specifications</b>		
Product name		Eaton Moeller® series M22 Illuminated selector switch actuator
Part no.		M22S-WRLK3-G
EAN		4015082168483
Product Length/Depth		46 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.013 kilogram
Certifications		UL Category Control No.: NKCR CSA Class No.: 3211-03 UL IEC/EN 60947-5 CSA-C22.2 No. 94-91 UL File No.: E29184 CE VDE 0660 CSA-C22.2 No. 14-05 CSA File No.: 012528 IEC/EN 60947 CSA UL 508
Product Tradename		M22
Product Type		Illuminated selector switch actuator
Product Sub Type		None
<b>Features &amp; Functions</b>		
Bezel color		Black
Bezel material		Plastic
Design		With thumb-grip
Fitted with:		Front ring
Functions		Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
<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
Suitable for		Illumination
Switching angle		60 °
Type		Illuminated selector switch actuator
<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
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		With SWD-RMQ connections

		Yes
<b>Actuator</b>		
Actuator color		Black
Actuator function		Maintained Switching function latching
Actuator type		Toggle
Number of switch positions		3
<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			3
Type of control element			Toggle
Suitable for illumination			Yes
Colour control element			Black
Colour indicator light cap			Green
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