

DATASHEET - M30C-FWLKV-G



Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 2 positions (V position), green, Metal bezel

Part no. M30C-FWLKV-G
187124
EL Number 4315687
(Norway)

General specifications		
Product name		Eaton Moeller® series M30 Illuminated selector switch actuator
Part no.		M30C-FWLKV-G
EAN		4015081821730
Product Length/Depth		36 millimetre
Product height		47 millimetre
Product width		46 millimetre
Product weight		0.042 kilogram
Certifications		VDE 0660 IEC/EN 60947
Product Tradename		M30
Product Type		Illuminated selector switch actuator
Product Sub Type		None
Features & Functions		
Bezel color		Titanium
Bezel material		Metal
Design		With thumb-grip
Fitted with:		Front ring
Functions		Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
General information		
Degree of protection		NEMA 4X, 13
Degree of protection (front side)		IP66
Lifespan, mechanical		100,000 Operations
Opening diameter		30 mm
Operating frequency		2000 Operations/h
Operating torque		0.3 N·m
Overvoltage category		III
Pollution degree		3
Product category		RMQ-Titan
Size		Front dimensions: Ø 36 mm
Suitable for		Illumination
Switching angle		60 °
Type		Illuminated selector switch actuator
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions		
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
Communication		
Connection to SmartWire-DT		Yes With SWD-RMQ connections
Actuator		
Actuator color		Green
Actuator function		Maintained

			Spring-return
Actuator type			Toggle
Number of switch positions			2
Contacts			
Force for positive opening - min			0 N
Design verification			
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			2
Type of control element			Toggle
Suitable for illumination			Yes
Colour control element			Green
Colour indicator light cap			Green
Construction type lens			Round
Hole diameter		mm	30
Width opening		mm	0
Height opening		mm	0
Switching function latching			No
Spring-return			Yes
With front ring			Yes
Material front ring			Metal
Colour front ring			Titanium
Degree of protection (IP), front side			IP66
Degree of protection (NEMA)			4X, 13

