

DATASHEET - M30C-FWRLK3-B



Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 3 positions, Blue, Metal bezel

Part no. M30C-FWRLK3-B

187131

**EL Number
(Norway)**

4315693

General specifications	
Product name	Eaton Moeller® series M30 Illuminated selector switch actuator
Part no.	M30C-FWRLK3-B
EAN	4015081821792
Product Length/Depth	36 millimetre
Product height	47 millimetre
Product width	46 millimetre
Product weight	0.042 kilogram
Certifications	CE marking UL Listed CSA-C22.2 No. 14-05 IEC/EN 60947-5 UL Category Control No.: NKCR CSA certified CSA Class No.: 3211-03 GL DNV CSA file No. 012528 UL 508 CSA-C22.2 No. 94-91 UL File No.: E29184 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	Flat front 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		With SWD-RMQ connections Yes
Actuator		
Actuator color		Blue
Actuator function		Switching function latching Maintained
Actuator type		Toggle
Number of switch positions		3
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		3
Type of control element		Toggle
Suitable for illumination		Yes
Colour control element		Blue
Colour indicator light cap		Blue
Construction type lens		Round
Hole diameter	mm	30
Width opening	mm	0

Height opening	mm	0
Switching function latching		Yes
Spring-return		No
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