

# DATASHEET - M30C-FWLKV-W



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

**Part no. M30C-FWLKV-W**

**187126**

**EL Number  
(Norway)**

**4315689**

<b>General specifications</b>	
Product name	Eaton Moeller® series M30 Illuminated selector switch actuator
Part no.	M30C-FWLKV-W
EAN	4015081821754
Product Length/Depth	36 millimetre
Product height	47 millimetre
Product width	46 millimetre
Product weight	0.042 kilogram
Certifications	UL File No.: E29184 UL 508 UL Listed UL Category Control No.: NKCR CSA file No. 012528 CSA certified CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 GL DNV CE marking IEC/EN 60947-5 CSA Class No.: 3211-03 IEC/EN 60947 VDE 0660
Product Tradename	M30
Product Type	Illuminated selector switch actuator
Product Sub Type	None
<b>Features &amp; Functions</b>	
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
<b>General information</b>	
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
<b>Ambient conditions, mechanical</b>	
Mounting position	As required
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
<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		Yes With SWD-RMQ connections
<b>Actuator</b>		
Actuator color		White
Actuator function		Spring-return Maintained
Actuator type		Toggle
Number of switch positions		2
<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		2
Type of control element		Toggle
Suitable for illumination		Yes
Colour control element		White
Colour indicator light cap		White
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