

**Illuminated pushbutton actuator, RMQ-Titan, flat, momentary, Front ring stainless steel**



**Part no. M30I-FDL-X  
188064**

<b>General specifications</b>		
Product name		Eaton Moeller® series M30 Illuminated pushbutton actuator
Part no.		M30I-FDL-X
EAN		4015081857432
Product Length/Depth		36 millimetre
Product height		30 millimetre
Product width		46 millimetre
Product weight		0.041 kilogram
Certifications		VDE 0660 IEC/EN 60947 UL 508 DNV IEC/EN 60947-5 CSA certified CSA Class No.: 3211-03 UL Listed UL File No.: E29184 UL Category Control No.: NKCR GL CSA File No.: 012528 CE marking CSA-C22.2 No. 14-05 and 94-M91
Product Tradename		M30
Product Type		Illuminated pushbutton actuator
Product Sub Type		None
<b>Features &amp; Functions</b>		
Bezel color		Stainless steel
Bezel material		Metal
Design		Flat Flat front
Fitted with:		Front ring
<b>General information</b>		
Degree of protection		IP67 IP69 IP66
Degree of protection (front side)		IP67 NEMA 4X, 13
Lifespan, mechanical		5,000,000 Operations
Opening diameter		30.5 mm
Operating frequency		3600 Operations/h
Product category		RMQ-Titan
Size		Front dimensions: Ø 36 mm
Suitable for		Illumination
Type		Illuminated pushbutton 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, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>Communication</b>		
Connection to SmartWire-DT		Yes

		With SWD-RMQ connections
<b>Actuator</b>		
Actuating force		5 N
Actuator color		Without button plate
Actuator function		Spring-return Momentary
<b>Contacts</b>		
Force for positive opening - min		0 N

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss13-27-37-12-10 [AKF028019])		
Colour button		Without button plate
Number of command positions		1
Construction type lens		Round
Hole diameter	mm	30.5
Width opening	mm	0
Height opening	mm	0
Type of button		Flat
Suitable for illumination		Yes
With protective cover		No
Labelled		No
Switching function latching		No
Spring-return		Yes
With front ring		Yes
Material front ring		Metal
Colour front ring		Stainless steel
Degree of protection (IP), front side		IP67
Degree of protection (NEMA), front side		4X, 13