DATASHEET - M30I-FDL-W

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

Part no.	M30I-FDL-W
	188058

General specifications

Product name		Eaton Moeller® series M30 Illuminated pushbutton actuator
Part no.		M30I-FDL-W
EAN		4015081857371
Product Length/Depth		36 millimetre
Product height		30 millimetre
Product width		46 millimetre
Product weight		0.041 kilogram
Certifications		IEC/EN 60947
		VDE 0660
		IEC/EN 60947-5
		UL Listed
		GL
		CSA-C22.2 No. 14-05 and 94-M91
		UL 508
		DNV
		UL File No.: E29184
		CSA File No.: 012528
		CE marking
		CSA Class No.: 3211-03
		UL Category Control No.: NKCR
		CSA certified
Product Tradename		M30
Product Type		Illuminated pushbutton actuator
Product Sub Type		None

Features & Functions

Bezel color		Stainless steel
Bezel material		Metal
Design		Flat
		Flat front
Fitted with:		Front ring
Inscription		Blank

General information

Degree of protection		IP69
		IP66
		IP67
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

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, cyclic, to IEC 60068-2-30
		Damp heat, constant, to IEC 60068-2-78

Communication

Connection to SmartWire-DT			With SWD-RMQ connections
			Yes

Actuator

Actuating force			5 N
Actuator color			White
Actuator function			Momentary
			Spring-return

Contacts

Force for positive opening - min			0 N

Technical data ETIM 8.0

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@ss10.0.1-27-37-12-10 [AKF028014])

Colour button			White
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