# DATASHEET - M30I-FDRL-X

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

| Part no. | M30I-FDRL-X |
|---|---|
| | 188031 |

## General specifications

| | | |
|---|---|---|
| Product name | | Eaton Moeller® series M30 Illuminated pushbutton actuator |
| Part no. | | M30I-FDRL-X |
| EAN | | 4015081857166 |
| Product Length/Depth | | 36 millimetre |
| Product height | | 30 millimetre |
| Product width | | 46 millimetre |
| Product weight | | 0.041 kilogram |
| Certifications | | VDE 0660 |
| | | IEC/EN 60947 |
| | | CSA File No.: 012528 |
| | | CSA Class No.: 3211-03 |
| | | CSA certified |
| | | UL 508 |
| | | CE marking |
| | | GL |
| | | UL Listed |
| | | DNV |
| | | UL File No.: E29184 |
| | | UL Category Control No.: NKCR |
| | | CSA-C22.2 No. 14-05 and 94-M91 |
| | | IEC/EN 60947-5 |
| 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 |
| Functions | | Stay-put/spring-return function can be changed on device |

## General information

| | | |
|---|---|---|
| Degree of protection | | IP66 |
| | | IP67 |
| | | IP69 |
| Degree of protection (front side) | | IP67 |
| | | NEMA 4X, 13 |
| Lifespan, mechanical | | 1,000,000 Operations (AC operated) |
| Opening diameter | | 30.5 mm |
| Operating frequency | | 1800 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 | | 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
| | | Mechanical, According to IEC/EN 60068-2-27 |

## 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 | | | Without button plate |
| Actuator function | | | Maintained Switching function latching |

## Contacts

| Force for positive opening - min | | | 0 N |
|---|---|---|---|

# Technical data ETIM 9.0

| Low-voltage industrial components (EG000017) / Front element for push button (EC000221) |
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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 | | | Yes |
| Spring-return | | | No |
| 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 |