

# Specifications



## Eaton 197015

Eaton Moeller® series M30 Illuminated pushbutton actuator, RMQ-Titan, flat, momentary, yellow, blank, Front ring stainless steel M30I-FDL-Y-SP

### General specifications

|                                 |                                                                                                                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>             | Eaton Moeller® series<br>M30 Illuminated<br>pushbutton actuator                                                                                                                                                                                                |
| <b>CATALOG NUMBER</b>           | 197015                                                                                                                                                                                                                                                         |
| <b>MODEL CODE</b>               | M30I-FDL-Y-SP                                                                                                                                                                                                                                                  |
| <b>EAN</b>                      | 4015081939558                                                                                                                                                                                                                                                  |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 36 mm                                                                                                                                                                                                                                                          |
| <b>PRODUCT HEIGHT</b>           | 30 mm                                                                                                                                                                                                                                                          |
| <b>PRODUCT WIDTH</b>            | 46 mm                                                                                                                                                                                                                                                          |
| <b>PRODUCT WEIGHT</b>           | 0.041 kg                                                                                                                                                                                                                                                       |
| <b>CERTIFICATIONS</b>           | IEC/EN 60947<br>VDE 0660<br>CSA File No.: 012528<br>CSA Class No.: 3211-03<br>DNV<br>UL File No.: E29184<br>GL<br>IEC/EN 60947-5<br>UL 508<br>CSA-C22.2 No. 14-05 and<br>94-M91<br>CE marking<br>UL Category Control No.:<br>NKR<br>UL Listed<br>CSA certified |
| <b>CATALOG NOTES</b>            | Sealed and undetachable<br>pushbutton pressel                                                                                                                                                                                                                  |
| <b>GLOBAL CATALOG</b>           | 197015                                                                                                                                                                                                                                                         |

## Product specifications

|                                            |                                                                                                                        |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>TYPE</b>                                | Illuminated pushbutton actuator                                                                                        |
| <b>ACTUATOR COLOR</b>                      | Yellow                                                                                                                 |
| <b>ACTUATOR FUNCTION</b>                   | Spring-return<br>Momentary                                                                                             |
| <b>FITTED WITH:</b>                        | Front ring                                                                                                             |
| <b>OPERATING FREQUENCY</b>                 | 3600 Operations/h                                                                                                      |
| <b>CLIMATIC PROOFING</b>                   | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30                                         |
| <b>CONNECTION TO SMARTWIRE-DT</b>          | Yes<br>With SWD-RMQ connections                                                                                        |
| <b>ACTUATING FORCE</b>                     | 5 N                                                                                                                    |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b> | 70 °C                                                                                                                  |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b> | -25 °C                                                                                                                 |
| <b>FORCE FOR POSITIVE OPENING - MIN</b>    | 0 N                                                                                                                    |
| <b>NUMBER OF COMMAND POSITIONS</b>         | 1                                                                                                                      |
| <b>OPENING DIAMETER</b>                    | 30.5 mm                                                                                                                |
| <b>OPENING HEIGHT</b>                      | 0 mm                                                                                                                   |
| <b>BEZEL COLOR</b>                         | Stainless steel                                                                                                        |
| <b>SHOCK RESISTANCE</b>                    | 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms<br>Mechanical, According to IEC/EN 60068-2-27 |
| <b>BEZEL MATERIAL</b>                      | Metal                                                                                                                  |
| <b>DESIGN</b>                              | Flat<br>Flat front                                                                                                     |
| <b>MOUNTING POSITION</b>                   | As required                                                                                                            |
| <b>DEGREE OF PROTECTION</b>                | IP67<br>IP69<br>IP66                                                                                                   |
| <b>DEGREE OF PROTECTION (FRONT SIDE)</b>   | IP67<br>NEMA 4X, 13                                                                                                    |
| <b>INSCRIPTION</b>                         | Blank                                                                                                                  |
| <b>FRONT ELEMENT TYPE</b>                  | Flat                                                                                                                   |
| <b>LENS TYPE</b>                           | Round                                                                                                                  |
| <b>LIFESPAN, MECHANICAL</b>                | 5,000,000 Operations                                                                                                   |

## Resources

### CATALOGS

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

### DRAWINGS

[eaton-operating-m30-dimensions-004.eps](#)

[eaton-operating-m30-dimensions-005.eps](#)

[eaton-operating-m30-dimensions-006.eps](#)

[eaton-operating-m30-dimensions.eps](#)

[eaton-operating-m30-3d-drawing.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

[eaton-operating-button-symbol-008.eps](#)

[eaton-general-m22-symbol.eps](#)

### ECAD MODEL

[ETN.197015.edz](#)

### FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

### INSTALLATION INSTRUCTIONS

[eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf](#)

### INSTALLATION VIDEOS

[RMQ Flat Design](#)

### MCAD MODEL

[DA-CD-drucktaste flach flatfront](#)

[DA-CS-drucktaste flach flatfront](#)

### MULTIMEDIA

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[RMQ small E-Stop emergency-stop button](#)

|                         |                           |
|-------------------------|---------------------------|
| <b>WIDTH OPENING</b>    | 0 mm                      |
| <b>PRODUCT CATEGORY</b> | RMQ-Titan                 |
| <b>SIZE</b>             | Front dimensions: Ø 36 mm |
| <b>SUITABLE FOR</b>     | Illumination              |

[MCI MultiColor Light Indicator RMQ compact solution](#)

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

[eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)

[eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)

**SALES NOTES**

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

|                        |
|------------------------|
| <b>PROJECT NAME:</b>   |
| <b>PROJECT NUMBER:</b> |
| <b>PREPARED BY:</b>    |
| <b>DATE:</b>           |



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

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