

# Specifications



Photo is representative



## Eaton 182954

Eaton Moeller® series M30 Illuminated pushbutton actuator, RMQ-Titan, Flat, maintained, Blue, Blank, Metal bezel

### General specifications

|                             |                                                                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series M30 illuminated pushbutton                                                                                                                                                                                                          |
| <b>CATALOG NUMBER</b>       | 182954                                                                                                                                                                                                                                                    |
| <b>MODEL CODE</b>           | M30C-FDRL-B                                                                                                                                                                                                                                               |
| <b>EAN</b>                  | 4015081778812                                                                                                                                                                                                                                             |
| <b>PRODUCT 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>WARRANTY</b>             |                                                                                                                                                                                                                                                           |
| <b>CERTIFICATIONS</b>       | VDE 0660<br>IEC/EN 60947<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 94-M91<br>CE marking<br>UL Category Control No.: NKCR<br>UL Listed<br>CSA certified |

## Actuator

|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| <b>ACTUATING FORCE</b>             | 5 N                                                      |
| <b>ACTUATOR COLOR</b>              | Blue                                                     |
| <b>ACTUATOR FUNCTION</b>           | Switching function latching                              |
|                                    | Maintained                                               |
| <b>BEZEL COLOR</b>                 | Titanium                                                 |
| <b>BEZEL MATERIAL</b>              | Metal                                                    |
| <b>DESIGN</b>                      | Flat                                                     |
|                                    | Flat front                                               |
| <b>FITTED WITH:</b>                | Front ring                                               |
| <b>FUNCTIONS</b>                   | Stay-put/spring-return function can be changed on device |
| <b>INSCRIPTION</b>                 | Blank                                                    |
| <b>LENS TYPE</b>                   | Round                                                    |
| <b>NUMBER OF COMMAND POSITIONS</b> | 1                                                        |

## Communication

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>CONNECTION TO SMARTWIRE-DT</b> | With SWD-RMQ connections<br>Yes |
|-----------------------------------|---------------------------------|

## Climatic environmental conditions

|                                            |                                        |
|--------------------------------------------|----------------------------------------|
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b> | 70 °C                                  |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b> | -25 °C                                 |
| <b>CLIMATIC PROOFING</b>                   | Damp heat, cyclic, to IEC 60068-2-30   |
|                                            | Damp heat, constant, to IEC 60068-2-78 |

## General information

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| <b>DEGREE OF PROTECTION</b>              | IP67                                     |
|                                          | IP66                                     |
|                                          | IP69K                                    |
| <b>DEGREE OF PROTECTION (FRONT SIDE)</b> | IP67/IP69K<br>NEMA 4X, 13                |
| <b>LIFESPAN, MECHANICAL</b>              | 1,000,000 Operations (AC operated)       |
| <b>MOUNTING POSITION</b>                 | As required                              |
| <b>OPENING DIAMETER</b>                  | 30.5 mm                                  |
| <b>OPERATING FREQUENCY</b>               | 1800 Operations/h                        |
| <b>PRODUCT CATEGORY</b>                  | RMQ-Titan                                |
| <b>SIZE</b>                              | Front dimensions: Ø 36 mm                |
| <b>SUITABLE FOR</b>                      | Illumination                             |
| <b>TYPE</b>                              | Illuminated pushbutton actuator          |
| <b>USED WITH</b>                         | M22 contact blocks and indicating lights |

## Resources

|                            |                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| CATALOGUES                 | <a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a> |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-illuminated-pushbutton-declaration-of-conformity-eu251546en.pdf</a>                    |
| DRAWINGS                   | <a href="#">eaton-operating-m30-dimensions-004.eps</a>                                                   |
|                            | <a href="#">eaton-operating-m30-dimensions.eps</a>                                                       |
|                            | <a href="#">eaton-operating-m30-dimensions-006.eps</a>                                                   |
|                            | <a href="#">eaton-operating-m30-dimensions-005.eps</a>                                                   |
|                            | <a href="#">eaton-general-m22-symbol.eps</a>                                                             |
|                            | <a href="#">eaton-operating-m30-3d-drawing.eps</a>                                                       |
| ECAD MODEL                 | <a href="#">eaton-operating-symbol-002.eps</a>                                                           |
|                            | <a href="#">eaton-general-approval-m22-symbol.eps</a>                                                    |
|                            | <a href="#">ETN.182954.edz</a>                                                                           |
| INSTALLATION INSTRUCTIONS  | <a href="#">eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf</a>      |
| MCAD MODEL                 | <a href="#">eaton-pushbuttons-mcad-drawings-drucktaste-flatfront.dwg</a>                                 |
|                            | <a href="#">DA-CS-drucktaste flach flatfront</a>                                                         |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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