



## Eaton 188071

Eaton Moeller® series M30 Illuminated selector switch actuator, RMQ-Titan, with thumb-grip, selectable, 3 positions, selectable, selectable, Front ring stainless steel

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| <b>PRODUCT NAME</b>         | Eaton Moeller® series M30 Illuminated selector switch actuator |
| <b>CATALOG NUMBER</b>       | 188071                                                         |
| <b>PRODUCT LENGTH/DEPTH</b> | 36 mm                                                          |
| <b>PRODUCT HEIGHT</b>       | 47 mm                                                          |
| <b>PRODUCT WIDTH</b>        | 46 mm                                                          |
| <b>PRODUCT WEIGHT</b>       | 0.042 kg                                                       |
| <b>CERTIFICATIONS</b>       | IEC/EN 60947<br>VDE 0660                                       |



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| <b>TYPE</b>                                                                             | Illuminated selector switch actuator                                                                     |
| <b>ACTUATOR COLOR</b>                                                                   | Other                                                                                                    |
| <b>ACTUATOR FUNCTION</b>                                                                | Switching function latching<br>Key withdrawable in selectable position                                   |
| <b>10.10 TEMPERATURE RISE</b>                                                           | Not applicable.                                                                                          |
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| <b>10.13 MECHANICAL FUNCTION</b>                                                        | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                               |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                               |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                               |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                               |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Please enquire                                                                                           |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                               |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated.                                       |

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| <b>DECLARATIONS OF CONFORMITY</b> | <a href="#">eaton-key-operated-actuator-declaration-of-conformity-uk251347en.pdf</a><br><a href="#">eaton-key-operated-actuator-declaration-of-conformity-uk251346en.pdf</a>                                            |
| □□□□□                             | <a href="#">eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf</a><br><a href="#">eaton-operating-m30-dimensions-002.eps</a><br><a href="#">eaton-operating-m30-dimensions-004.eps</a> |
| □□                                | <a href="#">eaton-operating-m30-dimensions-006.eps</a><br><a href="#">eaton-operating-m30-dimensions-005.eps</a><br><a href="#">eaton-operating-3d-drawing-008.eps</a>                                                  |
| □□/□□                             | <a href="#">RMQ small E-Stop emergency-stop button</a>                                                                                                                                                                  |

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| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                   | Meets the product standard's requirements.                                     |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                   | Does not apply, since the entire switchgear needs to be evaluated.             |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>   | Does not apply, since the entire switchgear needs to be evaluated.             |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>        | Is the panel builder's responsibility.                                         |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility.                                         |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                 | Is the panel builder's responsibility.                                         |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | Is the panel builder's responsibility.                                         |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.                                         |
| <b>FITTED WITH:</b>                                             | Front ring                                                                     |
| <b>OPERATING FREQUENCY</b>                                      | 2000 Operations/h                                                              |
| <b>POLLUTION DEGREE</b>                                         | 3                                                                              |
| <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>                               | With SWD-RMQ connections<br>Yes                                                |
| <b>ACTUATOR TYPE</b>                                            | Toggle                                                                         |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                      | 70 °C                                                                          |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>                      | -25 °C                                                                         |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>       | 0 W                                                                            |
| <b>FORCE FOR POSITIVE OPENING - MIN</b>                         | 0 N                                                                            |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                          | 0 W                                                                            |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>        | 0 W                                                                            |
| <b>OPENING DIAMETER</b>                                         | 30 mm                                                                          |
| <b>OPENING HEIGHT</b>                                           | 0 mm                                                                           |
| <b>OPERATING TORQUE</b>                                         | 0.3 Nm                                                                         |
| <b>RATED OPERATIONAL</b>                                        | 0 A                                                                            |

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| <b>CURRENT FOR SPECIFIED<br/>HEAT DISSIPATION (IN)</b>                 |                                                                                                                                    |
| <b>STATIC HEAT<br/>DISSIPATION, NON-<br/>CURRENT-DEPENDENT<br/>PVS</b> | 0 W                                                                                                                                |
| <b>WIDTH OPENING</b>                                                   | 0 mm                                                                                                                               |
| <b>BEZEL COLOR</b>                                                     | Stainless steel                                                                                                                    |
| <b>SHOCK RESISTANCE</b>                                                | Mechanical, According to<br>IEC/EN 60068-2-27<br>15 g, Mechanical,<br>According to IEC/EN<br>60068-2-27, Sinusoidal<br>shock 11 ms |
| <b>BEZEL MATERIAL</b>                                                  | Metal                                                                                                                              |
| <b>DESIGN</b>                                                          | With thumb-grip                                                                                                                    |
| <b>MOUNTING POSITION</b>                                               | As required                                                                                                                        |
| <b>OVERVOLTAGE<br/>CATEGORY</b>                                        | III                                                                                                                                |
| <b>DEGREE OF PROTECTION</b>                                            | NEMA 4X, 13                                                                                                                        |
| <b>DEGREE OF PROTECTION<br/>(FRONT SIDE)</b>                           | IP66                                                                                                                               |
| <b>FUNCTIONS</b>                                                       | Stay-put/spring-return<br>function, can be changed<br>with coding parts M22-XC-<br>Y                                               |
| <b>INDICATOR COLOR</b>                                                 | Other                                                                                                                              |
| <b>LENS TYPE</b>                                                       | Round                                                                                                                              |
| <b>LIFESPAN, MECHANICAL</b>                                            | 100,000 Operations                                                                                                                 |
| <b>NUMBER OF SWITCH<br/>POSITIONS</b>                                  | 3                                                                                                                                  |
| <b>SIZE</b>                                                            | Front dimensions: Ø 36<br>mm                                                                                                       |
| <b>PRODUCT CATEGORY</b>                                                | RMQ-Titan                                                                                                                          |
| <b>SUITABLE FOR</b>                                                    | Illumination                                                                                                                       |

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



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