



## Eaton 111772

Eaton Moeller® series M22 Key-operated actuator, maintained, 2 positions, MS2, Key withdrawable: 0, I, Bezel: black

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|---------------------------------|-------------------------------------------------------|
| <b>PRODUCT NAME</b>             | Eaton Moeller® series<br>M22 Key-operated<br>actuator |
| <b>CATALOG NUMBER</b>           | 111772                                                |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 70 mm                                                 |
| <b>PRODUCT HEIGHT</b>           | 30 mm                                                 |
| <b>PRODUCT WIDTH</b>            | 30 mm                                                 |
| <b>PRODUCT WEIGHT</b>           | 0.034 kg                                              |
| <b>CERTIFICATIONS</b>           | DNV<br>GL<br>IEC/EN 60947<br>LR<br>VDE 0660           |

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|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>TYPE</b>                                                                             | Key-operated button                                                                                               |
| <b>ACCESSORIES</b>                                                                      | 1 key included with supplied equipment.                                                                           |
| <b>ACTUATOR COLOR</b>                                                                   | Black                                                                                                             |
| <b>ACTUATOR FUNCTION</b>                                                                | Switching function latching<br><br>Key withdrawable in position 0<br>Key withdrawable in position 1<br>Maintained |
| <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.                                                                        |

## DECLARATIONS OF CONFORMITY

[eaton-pushbutton-declaration-of-conformity-uk251341en.pdf](#)

[eaton-key-operated-actuator-declaration-of-conformity-uk251348en.pdf](#)

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

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| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                  | Does not apply, since the entire switchgear needs to be evaluated.             |
| <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>                                      | 100 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>                               | No<br>Yes<br>With SWD-RMQ connections                                          |
| <b>ACTUATOR TYPE</b>                                            | Key                                                                            |
| <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>                                         | 22.5 mm                                                                        |

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|---------------------------------------------------------------------|---------------------------|
| OPENING HEIGHT                                                      | 0 mm                      |
| OPERATING TORQUE                                                    | 0.5 Nm                    |
| RATED OPERATIONAL<br>CURRENT FOR SPECIFIED<br>HEAT DISSIPATION (IN) | 0 A                       |
| STATIC HEAT<br>DISSIPATION, NON-<br>CURRENT-DEPENDENT<br>PVS        | 0 W                       |
| SWITCHING ANGLE                                                     | 60 °                      |
| WIDTH OPENING                                                       | 0 mm                      |
| BEZEL COLOR                                                         | Black                     |
| COLOR                                                               | Black                     |
| KEY CODE                                                            | MS2                       |
| BEZEL MATERIAL                                                      | Plastic                   |
| DESIGN                                                              | Classical<br>Key operated |
| MOUNTING POSITION                                                   | As required               |
| OVERVOLTAGE<br>CATEGORY                                             | III                       |
| DEGREE OF PROTECTION                                                | NEMA 4X                   |
| DEGREE OF PROTECTION<br>(FRONT SIDE)                                | IP66                      |
| INDICATOR COLOR                                                     | Other                     |
| LENS TYPE                                                           | Round                     |
| LIFESPAN, MECHANICAL                                                | 100,000 Operations        |
| NUMBER OF SWITCH<br>POSITIONS                                       | 2                         |
| SIZE                                                                | Front diameter: 29.7 mm   |
| PRODUCT CATEGORY                                                    | RMQ-Titan                 |

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