

## Eaton 216819

Eaton Moeller® series M22 Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, momentary, 2 positions, yellow, Bezel: black

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| <b>PRODUCT NAME</b>         | Eaton Moeller® series M22 Illuminated selector switch actuator   |
| <b>CATALOG NUMBER</b>       | 216819   |
| <b>PRODUCT LENGTH/DEPTH</b> | 46 mm  |
| <b>PRODUCT HEIGHT</b>       | 30 mm  |
| <b>PRODUCT WIDTH</b>        | 30 mm  |
| <b>PRODUCT WEIGHT</b>       | 0.013 kg   |
| <b>CERTIFICATIONS</b>       | UL Category Control No.: NKCR<br>CSA Class No.: 3211-03<br>CSA-C22.2 No. 14-05<br>CSA<br>UL File No.: E29184<br>IEC/EN 60947<br>UL<br>CE<br>CSA File No.: 012528<br>CSA-C22.2 No. 94-91<br>IEC/EN 60947-5<br>VDE 0660<br>UL 508<br>DNV<br>GL<br>LR |

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| <b>TYPE</b>   | Illuminated selector switch actuator   |
| <b>ACTUATOR COLOR</b>   | Black  |
| <b>ACTUATOR FUNCTION</b>  | Spring-return<br>Momentary   |
| <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="#">DA-DC-00004157.pdf</a>                     |
|                                   | <a href="#">DA-DC-00004135.pdf</a>                     |
|                                   | <a href="#">IL04716002Z</a>                            |
| <b>/</b>                          | <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>   | 22.5 mm  |
| <b>OPENING HEIGHT</b>   | 0 mm   |

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| <b>OPERATING TORQUE</b>  | 0.3 Nm   |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 0 A  |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>            | 0 W  |
| <b>SWITCHING ANGLE</b>   | 40 °   |
| <b>WIDTH OPENING</b>   | 0 mm   |
| <b>BEZEL COLOR</b>   | Black  |
| <b>SHOCK RESISTANCE</b>  | Mechanical, According to IEC/EN 60068-2-27<br>30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
| <b>BEZEL MATERIAL</b>  | Plastic  |
| <b>DESIGN</b>  | With thumb-grip<br>Classical   |
| <b>MOUNTING POSITION</b>   | As required  |
| <b>OVERVOLTAGE CATEGORY</b>  | III  |
| <b>DEGREE OF PROTECTION</b>  | NEMA 4X, 13  |
| <b>DEGREE OF PROTECTION (FRONT SIDE)</b>                             | IP66   |
| <b>FUNCTIONS</b>   | Stay-put/spring-return function, can be changed with coding parts M22-XC-Y   |
| <b>INDICATOR COLOR</b>   | Yellow   |
| <b>LENS TYPE</b>   | Round  |
| <b>LIFESPAN, MECHANICAL</b>  | 100,000 Operations   |
| <b>NUMBER OF SWITCH POSITIONS</b>                                    | 2  |
| <b>SIZE</b>  | Front diameter: 29.7 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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