

# Specifications



Photo is representative

## Eaton 216562

Eaton Moeller® series M22 LED element, green, base fixing, 12-30VAC/DC

### General specifications

|                             |                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series<br>M22 Accessory LED                                                                                                                                                                                                                                                                          |
| <b>CATALOG NUMBER</b>       | 216562                                                                                                                                                                                                                                                                                                              |
| <b>MODEL CODE</b>           | M22-LEDC-G                                                                                                                                                                                                                                                                                                          |
| <b>EAN</b>                  | 4015082165628                                                                                                                                                                                                                                                                                                       |
| <b>PRODUCT LENGTH/DEPTH</b> | 38 mm                                                                                                                                                                                                                                                                                                               |
| <b>PRODUCT HEIGHT</b>       | 10 mm                                                                                                                                                                                                                                                                                                               |
| <b>PRODUCT WIDTH</b>        | 37 mm                                                                                                                                                                                                                                                                                                               |
| <b>PRODUCT WEIGHT</b>       | 0.011 kg                                                                                                                                                                                                                                                                                                            |
| <b>COMPLIANCES</b>          | CE Marked                                                                                                                                                                                                                                                                                                           |
| <b>CERTIFICATIONS</b>       | CSA Std. C22.2 No. 14-05<br>UL 508<br>CSA Std. C22.2 No. 94-91<br>EN 60947-5<br>IEC 60947-5<br>VDE<br>CSA-C22.2 No. 94-91<br>CSA File No.: 012528<br>IEC 60947-5-1<br>UL File No.: E29184<br>CSA-C22.2 No. 14-05<br>CE<br>CSA<br>UL<br>CSA Class No.: 3211-03<br>IEC/EN 60947-5<br>UL Category Control No.:<br>NKCR |
| <b>GLOBAL CATALOG</b>       | 216562                                                                                                                                                                                                                                                                                                              |

## Product specifications

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>10.10 TEMPERATURE RISE</b>                                                           | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <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>                                 | Meets the product standard's requirements.                                                                                       |
| <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.                                                               |

## Resources

|                                   |                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CATALOGS</b>                   | <a href="#">Flip catalog - Product Range Catalog - Command and indication</a><br><a href="#">eaton-rmq-titan-brochure-br047004en-en-us.pdf</a><br><a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a>                                                                |
| <b>DECLARATIONS OF CONFORMITY</b> | <a href="#">eaton-pushbutton-declaration-of-conformity-eu250858en.pdf</a><br><a href="#">eaton-indicator-light-declaration-of-conformity-eu250862en.pdf</a><br><a href="#">eaton-accessory-declaration-of-conformity-eu250861en.pdf</a><br><a href="#">eaton-indicator-light-declaration-of-conformity-eu250860en.pdf</a> |
| <b>DRAWINGS</b>                   | <a href="#">eaton-operating-button-symbol-004.eps</a><br><a href="#">eaton-operating-led-m22-led-element-standards.eps</a>                                                                                                                                                                                                |
| <b>ECAD MODEL</b>                 | <a href="#">ETN.216562.edz</a>                                                                                                                                                                                                                                                                                            |
| <b>FLYERS</b>                     | <a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>                                                                                                                                                                                                                                                 |
| <b>INSTALLATION INSTRUCTIONS</b>  | <a href="#">IL04716002Z</a><br><a href="#">eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf</a>                                                                                                                                                                                                   |
| <b>INSTALLATION VIDEOS</b>        | <a href="#">RMQ Flat Design</a>                                                                                                                                                                                                                                                                                           |
| <b>MCAD MODEL</b>                 | <a href="#">DA-CS-led element schraube boden</a><br><a href="#">DA-CD-led element schraube boden</a>                                                                                                                                                                                                                      |
| <b>MULTIMEDIA</b>                 | <a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a>                                                                                                                                                                                                                        |

|                                                                 |                                                                                |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------|
| <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>                                             | Diode<br>Light source                                                          |
| <b>POLLUTION DEGREE</b>                                         | 3                                                                              |
| <b>CLIMATIC PROOFING</b>                                        | Damp heat, cyclic, to IEC 60068-2-30<br>Damp heat, constant, to IEC 60068-2-78 |
| <b>CONNECTION TO SMARTWIRE-DT</b>                               | No                                                                             |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>                   | 6000 V AC                                                                      |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                      | 70 °C                                                                          |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>                      | -25 °C                                                                         |
| <b>AMBIENT STORAGE TEMPERATURE - MAX</b>                        | 80 °C                                                                          |
| <b>AMBIENT STORAGE TEMPERATURE - MIN</b>                        | -40 °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                                                                            |

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

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

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

#### SALES NOTES

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

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

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

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

|                                                                      |                                           |
|----------------------------------------------------------------------|-------------------------------------------|
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>             | 0 W                                       |
| <b>OPERATING TORQUE</b>                                              | 0.8 Nm                                    |
| <b>RATED INSULATION VOLTAGE (UI)</b>                                 | 500 V                                     |
| <b>RATED OPERATIONAL CURRENT (IE) - MAX</b>                          | 14 mA                                     |
| <b>RATED OPERATIONAL CURRENT (IE) - MIN</b>                          | 5 mA                                      |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 0 A                                       |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>                    | 30 V                                      |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN</b>                    | 12 V                                      |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX</b>                    | 30 V                                      |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN</b>                    | 12 V                                      |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>            | 0.45 W                                    |
| <b>VOLTAGE TYPE</b>                                                  | AC/DC                                     |
| <b>FASTENING TYPE</b>                                                | Floor fastening                           |
| <b>MOUNTING POSITION</b>                                             | As required                               |
| <b>LIGHT COLOR</b>                                                   | Green                                     |
| <b>CONNECTION TYPE</b>                                               | Base fixing                               |
| <b>LAMP TYPE</b>                                                     | LED                                       |
| <b>OVERVOLTAGE CATEGORY</b>                                          | III                                       |
| <b>CONNECTION TYPE (AUXILIARY CIRCUIT)</b>                           | Screw connection                          |
| <b>DEGREE OF PROTECTION</b>                                          | IP20                                      |
| <b>LAMP HOLDER</b>                                                   | None                                      |
| <b>POWER CONSUMPTION</b>                                             | Max. 0.26 W                               |
| <b>LIFESPAN, ELECTRICAL</b>                                          | 100,000 h (at 25°C, according to EN60064) |
| <b>TERMINAL CAPACITY (STRANDED)</b>                                  | 0.5 - 2.5 mm <sup>2</sup>                 |
| <b>SHOCK RESISTANCE</b>                                              | Mechanical, According to                  |

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
|                                      | IEC/EN 60068-2-27<br>30 g, Mechanical,<br>According to IEC/EN<br>60068-2-27, Sinusoidal<br>shock 11 ms |
| <b>TERMINAL CAPACITY<br/>(SOLID)</b> | 0.75 - 2.5 mm <sup>2</sup>                                                                             |

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



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