

# Specifications



## Eaton 180795

Eaton Moeller® series M22 LED element, Flat  
Rear, white, front mounting

### General Specifications

|                                 |                                                                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>             | Eaton Moeller® series M22<br>Accessory LED                                                                                                                                                                              |
| <b>CATALOG NUMBER</b>           | 180795                                                                                                                                                                                                                  |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 38 mm                                                                                                                                                                                                                   |
| <b>PRODUCT HEIGHT</b>           | 10 mm                                                                                                                                                                                                                   |
| <b>PRODUCT WIDTH</b>            | 14 mm                                                                                                                                                                                                                   |
| <b>PRODUCT WEIGHT</b>           | 0.004 kg                                                                                                                                                                                                                |
| <b>CERTIFICATIONS</b>           | CSA File No.: 012528<br>CSA-C22.2 No. 14-05<br>CSA Class No.: 3211-03<br>CSA-C22.2 No. 94-91<br>UL<br>UL 508<br>UL Category Control No.:<br>NKCR<br>IEC/EN 60947-5<br>UL File No.: E29184<br>CSA<br>CE<br>IEC 60947-5-1 |
| <b>CATALOG NOTES</b>            | Cage Clamp is a registered<br>trademark of Wago<br>Kontakttechnik<br>GmbH/Minden, Germany                                                                                                                               |
| <b>EAN</b>                      | 4015081759644                                                                                                                                                                                                           |
| <b>MODEL CODE</b>               | M22-FLED-W                                                                                                                                                                                                              |

## Product specifications

|                                                   |                                                                                                             |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>FITTED WITH:</b>                               | Diode<br>Light source                                                                                       |
| <b>POLLUTION DEGREE</b>                           | 3                                                                                                           |
| <b>CLIMATIC PROOFING</b>                          | Dry heat to IEC 60068-2-2<br>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>     | 4000 V AC                                                                                                   |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>        | 70 °C                                                                                                       |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>        | -25 °C                                                                                                      |
| <b>AMBIENT STORAGE TEMPERATURE - MAX</b>          | 85 °C                                                                                                       |
| <b>AMBIENT STORAGE TEMPERATURE - MIN</b>          | 40 °C                                                                                                       |
| <b>RATED INSULATION VOLTAGE (UI)</b>              | 250 V                                                                                                       |
| <b>RATED OPERATIONAL CURRENT (IE) - MAX</b>       | 15 mA                                                                                                       |
| <b>RATED OPERATIONAL CURRENT (IE) - MIN</b>       | 5 mA                                                                                                        |
| <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>COLOR</b>                                      | White                                                                                                       |
| <b>VOLTAGE TYPE</b>                               | AC/DC                                                                                                       |
| <b>FASTENING TYPE</b>                             | Front fastening                                                                                             |
| <b>MOUNTING POSITION</b>                          | As required                                                                                                 |
| <b>LIGHT COLOR</b>                                | White                                                                                                       |
| <b>CONNECTION TYPE</b>                            | Front fixing                                                                                                |
| <b>LAMP TYPE</b>                                  | LED                                                                                                         |
| <b>OVERVOLTAGE CATEGORY</b>                       | III                                                                                                         |
| <b>CONNECTION TYPE (AUXILIARY CIRCUIT)</b>        | Spring clamp 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                                                                               |

## Resources

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | <a href="#">Flip catalog - Product Range Catalog - Command and indication</a>                                                                                                                                                                                                                                                                                                                       |
| <b>CATALOGUES</b>                 | <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="#">DA-DC-00004971.pdf</a><br><a href="#">DA-DC-00004157.pdf</a><br><a href="#">DA-DC-00004135.pdf</a><br><a href="#">DA-DC-00004975.pdf</a>                                                                                                                                                                                                                                                |
| <b>DRAWINGS</b>                   | <a href="#">eaton-operating-contact-m22-led-element-dimensions.eps</a><br><a href="#">eaton-operating-led-m22-led-element-standards.eps</a><br><a href="#">eaton-operating-m22-led-element-3d-drawing.eps</a><br><a href="#">eaton-operating-button-symbol-013.eps</a>                                                                                                                              |
| <b>ECAD MODEL</b>                 | <a href="#">DA-CE-ETN.M22-FLED-W</a>                                                                                                                                                                                                                                                                                                                                                                |
| <b>INSTALLATION INSTRUCTIONS</b>  | <a href="#">IL04716002Z</a>                                                                                                                                                                                                                                                                                                                                                                         |
| <b>INSTALLATION VIDEOS</b>        | <a href="#">RMQ Flat Design</a>                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MCAD MODEL</b>                 | <a href="#">m22_fled.dwg</a> <a href="#">m22_fled.stp</a>                                                                                                                                                                                                                                                                                                                                           |
| <b>MULTIMEDIA</b>                 | <a href="#">MCI Multicolor Light Indicator M22 with SmartWire-DT</a><br><a href="#">MCI MultiColor Light Indicator RMQ compact solution</a><br><a href="#">RMQ small E-Stop emergency-stop button</a><br><a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a>                                                                                         |
| <b>SALES NOTES</b>                | <a href="#">eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</a><br><a href="#">eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</a><br><a href="#">eaton-rmq-titan-high-performance-led-flyer-fl047008en-en-us.pdf</a><br><a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a><br><a href="#">eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf</a> |

|                                                          |                                                                                                        |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|                                                          | to EN60064)                                                                                            |
| <b>TERMINAL CAPACITY<br/>(STRANDED)</b>                  | 1 x (0.2 - 1.5) mm <sup>2</sup>                                                                        |
| <b>SHOCK RESISTANCE</b>                                  | 50 g, Mechanical, according to<br>IEC/EN 60068-2-27, Half-<br>Sinusoidal shock 11 ms                   |
| <b>TERMINAL CAPACITY<br/>(FLEXIBLE WITH<br/>FERRULE)</b> | Use WAGO Variocrimp 4<br>crimping tool; please enquire<br>for others<br>1 x (0.25 - 1) mm <sup>2</sup> |
| <b>TERMINAL CAPACITY<br/>(SOLID)</b>                     | 1 x (0.75 - 1.5) mm <sup>2</sup> Can be<br>plugged without tools<br>1 x (0.2 - 1.5) mm <sup>2</sup>    |
| <b>TERMINAL CAPACITY<br/>(SOLID/STRANDED AWG)</b>        | 20                                                                                                     |

|                        |                                               |
|------------------------|-----------------------------------------------|
| <b>SYSTEM OVERVIEW</b> | <a href="#">Pilot devices - selection aid</a> |
|------------------------|-----------------------------------------------|

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