

# Specifications



Photo is representative



## Eaton 171465

Eaton Moeller® series SL7 Continuous light module, yellow, LED, 24 V

### General specifications

|                     |                                                   |
|---------------------|---------------------------------------------------|
| <b>PRODUCT NAME</b> | Eaton Moeller® series SL7 Continuous light module |
|---------------------|---------------------------------------------------|

|                       |        |
|-----------------------|--------|
| <b>CATALOG NUMBER</b> | 171465 |
|-----------------------|--------|

|                   |           |
|-------------------|-----------|
| <b>MODEL CODE</b> | SL7-L24-Y |
|-------------------|-----------|

|            |               |
|------------|---------------|
| <b>EAN</b> | 4015081677924 |
|------------|---------------|

|                             |       |
|-----------------------------|-------|
| <b>PRODUCT LENGTH/DEPTH</b> | 73 mm |
|-----------------------------|-------|

|                       |       |
|-----------------------|-------|
| <b>PRODUCT HEIGHT</b> | 73 mm |
|-----------------------|-------|

|                      |       |
|----------------------|-------|
| <b>PRODUCT WIDTH</b> | 73 mm |
|----------------------|-------|

|                       |         |
|-----------------------|---------|
| <b>PRODUCT WEIGHT</b> | 0.08 kg |
|-----------------------|---------|

|                       |                                                                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CERTIFICATIONS</b> | CSA-C22.2 No. 94-91<br>IEC/EN 60947-5-1<br>IEC/EN 60529<br>UL<br>UL report applies to both US and Canada<br>UL 508<br>CE<br>Certified by UL for use in Canada<br>UL File No.: E29184<br>UL Category Control No.: NKCR<br>CSA Class No.: NKCR7<br>CSA-C22.2 No. 14-10 |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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## Climatic environmental conditions

|                                            |                                                                                |
|--------------------------------------------|--------------------------------------------------------------------------------|
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b> | 60 °C                                                                          |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b> | -30 °C                                                                         |
| <b>CLIMATIC PROOFING</b>                   | Damp heat, cyclic, to IEC 60068-2-30<br>Damp heat, constant, to IEC 60068-2-78 |

## Features & functions

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| <b>COLOR</b>             | Yellow                                                                        |
| <b>ENCLOSURE COLOR</b>   | Black                                                                         |
| <b>FUNCTIONS</b>         | Continuous light                                                              |
| <b>LIGHT MODULES</b>     | LED                                                                           |
| <b>NUMBER OF MODULES</b> | Max. 5 (with standard base)<br>Max. 10 (with base for mounting on both sides) |

## Electrical rating

|                                                   |         |
|---------------------------------------------------|---------|
| <b>LEAKAGE CURRENT</b>                            | 0.003 A |
| <b>RATED INSULATION VOLTAGE (UI)</b>              | 250 V   |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b> | 24 V    |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN</b> | 24 V    |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX</b> | 24 V    |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN</b> | 24 V    |

## General information

|                                               |                                                                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>CONNECTION TO SMARTWIRE-DT</b>             | No                                                                                                                     |
| <b>CURRENT CONSUMPTION</b>                    | 50 mA at 24 V AC/DC                                                                                                    |
| <b>DEGREE OF PROTECTION</b>                   | NEMA 4<br>IP66                                                                                                         |
| <b>LIFESPAN, ELECTRICAL</b>                   | 100,000 h                                                                                                              |
| <b>LIGHT TYPE</b>                             | Continuous light                                                                                                       |
| <b>MATERIAL</b>                               | Enclosure: Polycarbonate (PC)<br>Cap: Polycarbonate (PC)                                                               |
| <b>MOUNTING POSITION</b>                      | As required                                                                                                            |
| <b>OVERVOLTAGE CATEGORY</b>                   | III                                                                                                                    |
| <b>POLLUTION DEGREE</b>                       | 3                                                                                                                      |
| <b>PRODUCT CATEGORY</b>                       | SL signal towers                                                                                                       |
| <b>RADIATION ANGLE</b>                        | 360 °                                                                                                                  |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b> | 4000 V AC                                                                                                              |
| <b>SHOCK RESISTANCE</b>                       | Mechanical, According to IEC/EN 60068-2-27<br>15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
| <b>TYPE</b>                                   | Continuous light module                                                                                                |
| <b>VOLTAGE TYPE</b>                           | AC/DC                                                                                                                  |

## Resources

|                            |                                                                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROCHURES                  | <a href="#">SL4, SL7, SLC Stack light overview brochure BR047017</a>                                                                                                                                    |
| CATALOGUES                 | <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>                               |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf</a><br><a href="#">eaton-continuous-light-module-declaration-of-conformity-eu250556en.pdf</a>                        |
| DRAWINGS                   | <a href="#">eaton-operating-dimensions-005.eps</a><br><a href="#">eaton-operating-button-sl7-continuous-light-symbol-004.eps</a><br><a href="#">eaton-operating-sl7-continuous-light-symbol-002.eps</a> |
| ECAD MODEL                 | <a href="#">ETN.171465.edz</a>                                                                                                                                                                          |
| INSTALLATION INSTRUCTIONS  | <a href="#">IL047004ZU</a>                                                                                                                                                                              |
| INSTALLATION VIDEOS        | <a href="#">Signal towers SL4 and SL7</a>                                                                                                                                                               |
| MCAD MODEL                 | <a href="#">eaton-light-modules-mcad-drawings-sl7-bfl7.dwg</a><br><a href="#">DA-CS-sl7_bfl7</a>                                                                                                        |

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



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