# Specifications



**Photo is representative**



## Eaton 171420

Eaton Moeller® series SL7 Strobe light module, blue, high power LED, 24 V

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton Moeller® series SL7 Strobe light module |
| **CATALOG NUMBER** | 171420 |
| **MODEL CODE** | SL7-FL24-B-HP |
| **EAN** | 4015081678273 |
| **PRODUCT LENGTH/DEPTH** | 73 mm |
| **PRODUCT HEIGHT** | 73 mm |
| **PRODUCT WIDTH** | 73 mm |
| **PRODUCT WEIGHT** | 0.09 kg |
| **CERTIFICATIONS** | CSA-C22.2 No. 14-10<br>IEC/EN 60529<br>UL<br>UL report applies to both US and Canada<br>UL 508<br>CE<br>CSA Class No.: NKCR7<br>UL File No.: E29184<br>IEC/EN 60947-5-1<br>Certified by UL for use in Canada<br>CSA-C22.2 No. 94-91<br>UL Category Control No.: NKCR |

## Climatic environmental conditions

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

## Electrical rating

| | |
|---|---|
| **LEAKAGE CURRENT** | 0.003 A |
| **RATED INSULATION VOLTAGE (UI)** | 250 V |
| **RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX** | 26 V |
| **RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN** | 18 V |
| **RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX** | 30 V |
| **RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN** | 18 V |

## Features & functions

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|---|---|
| **COLOR** | Blue |
| **ENCLOSURE COLOR** | Black |
| **FUNCTIONS** | Flash light |
| **LIGHT MODULES** | High Performance LED |
| **NUMBER OF MODULES** | Max. 10 (with base for mounting on both sides)<br>Max. 5 (with standard base) |

## General information

| | |
|---|---|
| **CONNECTION TO SMARTWIRE-DT** | No |
| **CURRENT CONSUMPTION** | max. 130 mA at 24 V AC/DC |
| **DEGREE OF PROTECTION** | NEMA 4X<br>IP66 |
| **FLASHING FREQUENCY** | 1.4 Hz |
| **LIFESPAN, ELECTRICAL** | 50,000 h |
| **LIGHT TYPE** | Strobe light |
| **MATERIAL** | Enclosure: Polycarbonate (PC)<br>Cap: Polycarbonate (PC) |
| **MOUNTING POSITION** | As required |
| **OVERVOLTAGE CATEGORY** | III |
| **POLLUTION DEGREE** | 3 |
| **PRODUCT CATEGORY** | SL signal towers |
| **RADIATION ANGLE** | 360 ° |
| **RATED IMPULSE WITHSTAND VOLTAGE (UIMP)** | 4000 V AC |
| **SHOCK RESISTANCE** | 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27 |
| **TYPE** | • High-performance LED for maximum signaling effect<br>• Strobe light module |
| **VOLTAGE TYPE** | AC/DC |

## Resources

| | |
|---|---|
| **BROCHURES** | SL4, SL7, SLC Stack light overview brochure BR047017 |
| **CATALOGUES** | eaton-rmq-titan-brochure-br047004en-en-us.pdf<br><br>eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf |
| **DECLARATIONS OF CONFORMITY** | eaton-continuous-light-module-declaration-of-conformity-eu250556en.pdf<br><br>eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf |
| **DRAWINGS** | eaton-operating-dimensions-005.eps<br><br>eaton-operating-button-sl7-continuous-light-symbol-005.eps<br><br>eaton-operating-sl7-strobe-light-module-symbol-002.eps |
| **ECAD MODEL** | ETN.171420.edz |
| **INSTALLATION INSTRUCTIONS** | IL047004ZU |
| **INSTALLATION VIDEOS** | Signal towers SL4 and SL7 |
| **MCAD MODEL** | DA-CS-sl7_bfl7 |

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

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