

# Specifications

Photo is representative

## Eaton 171408

Eaton Moeller® series SL7 Strobe light module, blue, LED, 120 V

### General specifications

|                             |                                                                                                                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series SL7 Strobe light module                                                                                                                                                                                                                        |
| <b>CATALOG NUMBER</b>       | 171408                                                                                                                                                                                                                                                               |
| <b>EAN</b>                  | 4015081679409                                                                                                                                                                                                                                                        |
| <b>PRODUCT LENGTH/DEPTH</b> | 73 mm                                                                                                                                                                                                                                                                |
| <b>PRODUCT HEIGHT</b>       | 73 mm                                                                                                                                                                                                                                                                |
| <b>PRODUCT WIDTH</b>        | 73 mm                                                                                                                                                                                                                                                                |
| <b>PRODUCT WEIGHT</b>       | 0.083 kg                                                                                                                                                                                                                                                             |
| <b>CERTIFICATIONS</b>       | UL report applies to both US and Canada<br>UL 508<br>UL Category Control No.: NKCR<br>CSA-C22.2 No. 14-10<br>CE<br>CSA-C22.2 No. 94-91<br>UL File No.: E29184<br>IEC/EN 60947-5-1<br>UL<br>Certified by UL for use in Canada<br>CSA Class No.: NKCR7<br>IEC/EN 60529 |
| <b>MODEL CODE</b>           | SL7-FL120-B                                                                                                                                                                                                                                                          |

## Features & Functions

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

## Climatic environmental conditions

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

## General

|                                               |                                                                                                                           |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>CONNECTION TO SMARTWIRE-DT</b>             | No                                                                                                                        |
| <b>DEGREE OF PROTECTION</b>                   | IP66<br>NEMA 4                                                                                                            |
| <b>FLASHING FREQUENCY</b>                     | 1.4 Hz                                                                                                                    |
| <b>LIFESPAN, ELECTRICAL</b>                   | 100,000 h                                                                                                                 |
| <b>LIGHT TYPE</b>                             | Strobe light                                                                                                              |
| <b>MATERIAL</b>                               | Cap: Polycarbonate (PC)<br>Enclosure: 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>                       | 15 g, Mechanical,<br>According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms<br>Mechanical, According to IEC/EN 60068-2-27 |
| <b>TYPE</b>                                   | Strobe light module                                                                                                       |
| <b>VOLTAGE TYPE</b>                           | AC                                                                                                                        |

## Electrical rating

|                                                   |         |
|---------------------------------------------------|---------|
| <b>LEAKAGE CURRENT</b>                            | 0.003 A |
| <b>RATED INSULATION VOLTAGE (UI)</b>              | 250 V   |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN</b> | 110 V   |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b> | 120 V   |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN</b> | 0 V     |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX</b> | 0 V     |

## Resources

### CATALOGUES

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

### DECLARATIONS OF CONFORMITY

[DA-DC-00004257.pdf](#)

[DA-DC-00004253.pdf](#)

### DRAWINGS

[eaton-operating-dimensions-005.eps](#)

[eaton-operating-sl7-strobe-light-module-symbol.eps](#)

[eaton-operating-button-sl7-continuous-light-symbol-005.eps](#)

### ECAD MODEL

[ETN.171408.edz](#)

### INSTALLATION INSTRUCTIONS

[IL047004ZU](#)

### INSTALLATION VIDEOS

[Signal towers SL4 and SL7](#)

### MCAD MODEL

[DA-CD-sl7\\_bfl7](#)

[DA-CS-sl7\\_bfl7](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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