

# Specifications



Photo is representative



## Eaton 171441

Eaton Moeller® series SL7 Flashing light module, red, LED, 24 V

### General specifications

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series SL7 Flashing light module |
| <b>CATALOG NUMBER</b>       | 171441                                          |
| <b>MODEL CODE</b>           | SL7-BL24-R                                      |
| <b>EAN</b>                  | 4015081677719                                   |
| <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                                         |

### CERTIFICATIONS

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



Powering Business Worldwide

## Climatic environmental conditions

|                                     |       |
|-------------------------------------|-------|
| AMBIENT OPERATING TEMPERATURE - MAX | 60 °C |
|-------------------------------------|-------|

|                                     |        |
|-------------------------------------|--------|
| AMBIENT OPERATING TEMPERATURE - MIN | -30 °C |
|-------------------------------------|--------|

|                   |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| CLIMATIC PROOFING | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |
|-------------------|--------------------------------------------------------------------------------|

## Features & functions

|       |     |
|-------|-----|
| COLOR | Red |
|-------|-----|

|                 |       |
|-----------------|-------|
| ENCLOSURE COLOR | Black |
|-----------------|-------|

|           |               |
|-----------|---------------|
| FUNCTIONS | Blinker light |
|-----------|---------------|

|               |     |
|---------------|-----|
| LIGHT MODULES | LED |
|---------------|-----|

|                   |                                                                               |
|-------------------|-------------------------------------------------------------------------------|
| NUMBER OF MODULES | Max. 10 (with base for mounting on both sides)<br>Max. 5 (with standard base) |
|-------------------|-------------------------------------------------------------------------------|

## Electrical rating

|                 |         |
|-----------------|---------|
| LEAKAGE CURRENT | 0.003 A |
|-----------------|---------|

|                               |       |
|-------------------------------|-------|
| RATED INSULATION VOLTAGE (UI) | 250 V |
|-------------------------------|-------|

|                                            |      |
|--------------------------------------------|------|
| RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX | 24 V |
|--------------------------------------------|------|

|                                            |      |
|--------------------------------------------|------|
| RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN | 24 V |
|--------------------------------------------|------|

|                                            |      |
|--------------------------------------------|------|
| RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX | 24 V |
|--------------------------------------------|------|

|                                            |      |
|--------------------------------------------|------|
| RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN | 24 V |
|--------------------------------------------|------|

## General information

|                            |    |
|----------------------------|----|
| CONNECTION TO SMARTWIRE-DT | No |
|----------------------------|----|

|                     |                     |
|---------------------|---------------------|
| CURRENT CONSUMPTION | 50 mA at 24 V AC/DC |
|---------------------|---------------------|

|                      |                |
|----------------------|----------------|
| DEGREE OF PROTECTION | NEMA 4<br>IP66 |
|----------------------|----------------|

|                    |      |
|--------------------|------|
| FLASHING FREQUENCY | 2 Hz |
|--------------------|------|

|                      |           |
|----------------------|-----------|
| LIFESPAN, ELECTRICAL | 100,000 h |
|----------------------|-----------|

|            |                |
|------------|----------------|
| LIGHT TYPE | Flashing 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 | Mechanical, According to IEC/EN 60068-2-27<br>15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
|------------------|------------------------------------------------------------------------------------------------------------------------|

|      |                       |
|------|-----------------------|
| TYPE | Flashing light module |
|------|-----------------------|

|              |       |
|--------------|-------|
| VOLTAGE TYPE | 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-sl7-flashing-light-symbol.eps</a><br><a href="#">eaton-operating-button-symbol-009.eps</a>     |
| ECAD MODEL                 | <a href="#">ETN.171441.edz</a>                                                                                                                                                   |
| INSTALLATION INSTRUCTIONS  | <a href="#">IL047004ZU</a>                                                                                                                                                       |
| INSTALLATION VIDEOS        | <a href="#">Signal towers SL4 and SL7</a>                                                                                                                                        |
| MCAD MODEL                 | <a href="#">DA-CS-sl7_bfl7</a><br><a href="#">eaton-light-modules-mcad-drawings-sl7-bfl7.dwg</a>                                                                                 |

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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