

# Specifications



## Eaton 171451

Eaton Moeller® series SL7 base module SL7, for vertical mounting on both sides

### General specifications

|                     |                                          |
|---------------------|------------------------------------------|
| <b>PRODUCT NAME</b> | Eaton Moeller® series SL7<br>Base module |
|---------------------|------------------------------------------|

|                       |        |
|-----------------------|--------|
| <b>CATALOG NUMBER</b> | 171451 |
|-----------------------|--------|

|                   |          |
|-------------------|----------|
| <b>MODEL CODE</b> | SL7-CB-D |
|-------------------|----------|

|            |               |
|------------|---------------|
| <b>EAN</b> | 4015081677801 |
|------------|---------------|

|                                 |       |
|---------------------------------|-------|
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 84 mm |
|---------------------------------|-------|

|                       |        |
|-----------------------|--------|
| <b>PRODUCT HEIGHT</b> | 141 mm |
|-----------------------|--------|

|                      |       |
|----------------------|-------|
| <b>PRODUCT WIDTH</b> | 96 mm |
|----------------------|-------|

|                       |          |
|-----------------------|----------|
| <b>PRODUCT WEIGHT</b> | 0.241 kg |
|-----------------------|----------|

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

## 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>             | Other                                                                                       |
| <b>FITTED WITH:</b>      | Cover<br>External fixing holes                                                              |
| <b>NUMBER OF MODULES</b> | Max. 2 x 5<br>Max. 10 (with base for mounting on both sides)<br>Max. 5 (with standard base) |

## Terminal capacities

|                                                                     |                |
|---------------------------------------------------------------------|----------------|
| <b>TERMINAL CAPACITY (AWG)</b>                                      | 24 - 14        |
| <b>TERMINAL CAPACITY (FLEXIBLE WITH FERRULE AND PLASTIC COLLAR)</b> | 0.25 - 1.5 mm² |
| <b>TERMINAL CAPACITY (SOLID/FLEXIBLE)</b>                           | 0.13 - 2.5 mm² |

## Electrical rating

|                                      |                                                                 |
|--------------------------------------|-----------------------------------------------------------------|
| <b>RATED INSULATION VOLTAGE (UI)</b> | 250 V                                                           |
| <b>RATED OPERATIONAL VOLTAGE</b>     | 110/120 V AC ± 10 %<br>24 V AC/DC ± 10 %<br>230/240 V AC ± 10 % |

## General information

|                                               |                                                                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>CONNECTION TO SMARTWIRE-DT</b>             | No                                                                                                                     |
| <b>DEGREE OF PROTECTION</b>                   | IP66<br>NEMA 4<br>NEMA 4X<br>NEMA 13                                                                                   |
| <b>MOUNTING METHOD</b>                        | Bracket<br>Vertical<br>Floor                                                                                           |
| <b>MOUNTING POSITION</b>                      | As required                                                                                                            |
| <b>OVERVOLTAGE CATEGORY</b>                   | III                                                                                                                    |
| <b>POLLUTION DEGREE</b>                       | 3                                                                                                                      |
| <b>PRODUCT CATEGORY</b>                       | SL signal towers                                                                                                       |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b> | 4000 V AC                                                                                                              |
| <b>SHOCK RESISTANCE</b>                       | 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms<br>Mechanical, According to IEC/EN 60068-2-27 |
| <b>TYPE</b>                                   | Base module                                                                                                            |

## Resources

|                   |                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BROCHURES</b>  | <a href="#">SL4, SL7, SLC Stack light overview brochure BR047017</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> |

|                            |                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------|
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-continuous-light-module-declaration-of-conformity-eu250556en.pdf</a> |
|                            | <a href="#">eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf</a> |
| DRAWINGS                   | <a href="#">eaton-operating-sl7-base-module-dimensions-012.eps</a>                     |
|                            | <a href="#">eaton-operating-sl7-base-module-3d-drawing-002.eps</a>                     |
|                            | <a href="#">eaton-operating-button-sl7-base-module-symbol.eps</a>                      |
| ECAD MODEL                 | <a href="#">DA-CE-ETN.SL7-CB-D</a>                                                     |
| INSTALLATION INSTRUCTIONS  | <a href="#">IL047003ZU</a>                                                             |
| INSTALLATION VIDEOS        | <a href="#">Signal towers SL4 and SL7</a>                                              |
| MCAD MODEL                 | <a href="#">DA-CS-sl7_cb_d</a>                                                         |
|                            | <a href="#">eaton-base-modules-mcad-drawings-sl7-cb-d.dwg</a>                          |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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