

LED multistrobe light, red 24V, H.P.



**Part no.** SL7-FL24-R-HPM  
**171277**  
**EL Number** 4137625  
**(Norway)**

| General specifications                 |  |                                                                                                                                                                                                                                                                      |
|----------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name                           |  | Eaton Moeller® series SL7 Multi-strobe light module                                                                                                                                                                                                                  |
| Part no.                               |  | SL7-FL24-R-HPM                                                                                                                                                                                                                                                       |
| EAN                                    |  | 4015081678075                                                                                                                                                                                                                                                        |
| Product Length/Depth                   |  | 73 millimetre                                                                                                                                                                                                                                                        |
| Product height                         |  | 73 millimetre                                                                                                                                                                                                                                                        |
| Product width                          |  | 73 millimetre                                                                                                                                                                                                                                                        |
| Product weight                         |  | 0.089 kilogram                                                                                                                                                                                                                                                       |
| Certifications                         |  | CSA-C22.2 No. 14-10<br>UL report applies to both US and Canada<br>UL<br>IEC/EN 60947-5-1<br>UL 508<br>Certified by UL for use in Canada<br>CE<br>CSA Class No.: NKCR7<br>UL File No.: E29184<br>UL Category Control No.: NKCR<br>IEC/EN 60529<br>CSA-C22.2 No. 94-91 |
| Product Tradename                      |  | SL7                                                                                                                                                                                                                                                                  |
| Product Type                           |  | Multi-strobe light module                                                                                                                                                                                                                                            |
| Product Sub Type                       |  | None                                                                                                                                                                                                                                                                 |
| Features & Functions                   |  |                                                                                                                                                                                                                                                                      |
| Color                                  |  | Red                                                                                                                                                                                                                                                                  |
| Enclosure color                        |  | Black                                                                                                                                                                                                                                                                |
| Functions                              |  | Flash light                                                                                                                                                                                                                                                          |
| Light modules                          |  | High Performance LED                                                                                                                                                                                                                                                 |
| Number of modules                      |  | Max. 5 (with standard base)<br>Max. 10 (with base for mounting on both sides)                                                                                                                                                                                        |
| General information                    |  |                                                                                                                                                                                                                                                                      |
| Connection to SmartWire-DT             |  | No                                                                                                                                                                                                                                                                   |
| Current consumption                    |  | 0.26 - 0.265 A, at 24 V AC/DC                                                                                                                                                                                                                                        |
| Degree of protection                   |  | NEMA 4<br>IP66                                                                                                                                                                                                                                                       |
| Flashing frequency                     |  | 1 - 2.6 Hz                                                                                                                                                                                                                                                           |
| Lifespan, electrical                   |  | 50,000 h                                                                                                                                                                                                                                                             |
| Light type                             |  | Multistrobe light                                                                                                                                                                                                                                                    |
| Material                               |  | Cap: Polycarbonate (PC)<br>Enclosure: 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                                   |  | High-performance LED for maximum signaling effect<br>Multi-strobe light module                                                                                                                                                                                       |
| Voltage type                           |  | AC/DC                                                                                                                                                                                                                                                                |
| Climatic environmental conditions      |  |                                                                                                                                                                                                                                                                      |
| Ambient operating temperature - min    |  | -30 °C                                                                                                                                                                                                                                                               |
| Ambient operating temperature - max    |  | 60 °C                                                                                                                                                                                                                                                                |

|                                            |  |  |                                                                                |
|--------------------------------------------|--|--|--------------------------------------------------------------------------------|
| Climatic proofing                          |  |  | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |
| <b>Electrical rating</b>                   |  |  |                                                                                |
| Leakage current                            |  |  | 0.003 A                                                                        |
| Rated insulation voltage (Ui)              |  |  | 250 V                                                                          |
| Rated operational voltage (Ue) at AC - min |  |  | 18 V                                                                           |
| Rated operational voltage (Ue) at AC - max |  |  | 26 V                                                                           |
| Rated operational voltage (Ue) at DC - min |  |  | 18 V                                                                           |
| Rated operational voltage (Ue) at DC - max |  |  | 30 V                                                                           |

## Technical data ETIM 9.0

|                                                                                                                                                                                               |  |    |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|-------------|
| Low-voltage industrial components (EG000017) / Optical module for signal tower (EC000232)                                                                                                     |  |    |             |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Optical module for signal tower (ecl@ss13-27-37-12-20 [AKF038019]) |  |    |             |
| Function                                                                                                                                                                                      |  |    | Flash light |
| Repetition frequency settable                                                                                                                                                                 |  |    | No          |
| Colour                                                                                                                                                                                        |  |    | Red         |
| Outer diameter                                                                                                                                                                                |  | mm | 73          |
| Operating voltage AC 50 Hz                                                                                                                                                                    |  | V  | 18 - 26     |
| Operating voltage AC 60 Hz                                                                                                                                                                    |  | V  | 18 - 26     |
| Operating voltage DC                                                                                                                                                                          |  | V  | 18 - 30     |
| Voltage type                                                                                                                                                                                  |  |    | AC/DC       |
| Power consumption                                                                                                                                                                             |  | W  |             |
| Lamp type                                                                                                                                                                                     |  |    | LED         |
| Housing colour                                                                                                                                                                                |  |    | Black       |
| Degree of protection (IP)                                                                                                                                                                     |  |    | IP66        |
| Degree of protection (NEMA)                                                                                                                                                                   |  |    | 4           |