

Complete device;red-yellow-green; LED;24 V;including base 100mm

**Part no.** SL7-100-L-RYG-24LED  
**Catalog No.** 171425  
**Alternate Catalog No.** SL7-100-L-RYG-24LED  
**EL-Nummer (Norway)** 4137680

## Delivery program

|                            |       |   |                                       |
|----------------------------|-------|---|---------------------------------------|
| Product range              |       |   | SL signal towers                      |
| Basic function             |       |   | Complete devices                      |
| Rated operational voltage  | $U_e$ | V | 24 V AC/DC                            |
| Description                |       |   | Base module with foot and 100 mm tube |
| Type of light              |       |   | Continuous light                      |
| Light elements             |       |   | LED                                   |
| Number of modules          |       |   | 3                                     |
| <b>Colour</b>              |       |   |                                       |
|                            |       |   | red, yellow, green                    |
| Connection to SmartWire-DT |       |   | no                                    |

## Technical data

### General

|                                           |  |                 |                                                                           |
|-------------------------------------------|--|-----------------|---------------------------------------------------------------------------|
| Standards                                 |  |                 | IEC/EN 60947-5-1                                                          |
| Climatic proofing                         |  |                 | Damp heat, cyclic, to IEC 60068-2-30                                      |
| Mounting position                         |  |                 | As required                                                               |
| Mechanical shock resistance               |  | g               | > 15<br>according to IEC 60068-2-27<br>Shock duration 11 ms<br>Sinusoidal |
| IEC degree of protection                  |  |                 | IP66<br>IEC/EN 60529                                                      |
| Protection type UL                        |  |                 | Type 4, 4X, 13                                                            |
| Material                                  |  |                 | Enclosure: Polycarbonate (PC), black<br>Cap: Polycarbonate (PC)           |
| Cap colour                                |  |                 |                                                                           |
|                                           |  |                 | red, yellow, green                                                        |
| Ambient temperature                       |  | °C              | -30 - +60                                                                 |
| Terminal capacity                         |  |                 |                                                                           |
| Solid or flexible conductor               |  | mm <sup>2</sup> | 0.13 - 2.5                                                                |
| Flexible with ferrule with plastic collar |  | mm <sup>2</sup> | 0.25 - 1.5                                                                |
|                                           |  |                 | AWG 24 - AWG 14                                                           |

### Contacts

|                                       |           |      |       |
|---------------------------------------|-----------|------|-------|
| Rated impulse withstand voltage       | $U_{imp}$ | V AC | 4000  |
| Rated insulation voltage              | $U_i$     | V    | 250   |
| Overvoltage category/pollution degree |           |      | III/3 |

### modules

|                            |  |   |                                                                                      |
|----------------------------|--|---|--------------------------------------------------------------------------------------|
| Type of light              |  |   | Continuous light                                                                     |
| Light elements             |  |   | LED                                                                                  |
| Leakage current            |  | A | < 0.003                                                                              |
|                            |  |   | The value specified for the leakage current shall apply per module.                  |
| lifespan                   |  | h | > 100000                                                                             |
| Transmission angle         |  |   | 360°                                                                                 |
| Current-/power consumption |  |   |                                                                                      |
| at 24 V AC/DC              |  | A | 0.049 - 0.054                                                                        |
|                            |  |   | The value specified for the current consumption at 24 VAC/DC applies to each module. |
| Voltage range              |  |   | 24 V AC/DC ± 10 %                                                                    |

Design verification as per IEC/EN 61439

|                                        |  |    |     |
|----------------------------------------|--|----|-----|
| Technical data for design verification |  |    |     |
| Operating ambient temperature min.     |  | °C | -30 |
| Operating ambient temperature max.     |  | °C | 60  |

Technical data ETIM 8.0

|                                                                                                                                                                                         |  |    |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|---------|
| Low-voltage industrial components (EG000017) / Signal tower complete (EC001042)                                                                                                         |  |    |         |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Signal tower complete (ecl@ss10.0.1-27-37-12-30 [AKF048014]) |  |    |         |
| Number of signal tower elements                                                                                                                                                         |  |    | 3       |
| Function flashlight                                                                                                                                                                     |  |    | No      |
| Function continuous light                                                                                                                                                               |  |    | Yes     |
| Flashing light                                                                                                                                                                          |  |    | No      |
| Function acoustic                                                                                                                                                                       |  |    | No      |
| Loudness                                                                                                                                                                                |  | dB | 0       |
| Voltage type for actuating                                                                                                                                                              |  |    | AC/DC   |
| Rated operating voltage Ue                                                                                                                                                              |  | V  | 24 - 24 |
| Outer diameter                                                                                                                                                                          |  | mm | 73      |
| Degree of protection (IP)                                                                                                                                                               |  |    | IP66    |
| Degree of protection (NEMA)                                                                                                                                                             |  |    | 4X, 13  |