

# ZBY9W2B101

## ILLUMINATED LEGEND RING 24V 1 COLOR RED FIXED LED UNMARKED YELLOW LABEL



### Main

|                                 |                                  |
|---------------------------------|----------------------------------|
| Range of product                | Harmony                          |
| Product or component type       | Illuminated unmarked legend ring |
| Sale per indivisible quantity   | 1                                |
| Shape of signaling unit head    | Round                            |
| Cap/Operator or lens colour     | Red                              |
| Operator additional information | With illuminated ring            |
| Light source                    | Protected LED                    |
| Bulb base                       | Integral LED                     |
| Light source colour             | Red                              |
| [Us] rated supply voltage       | 24 V AC/DC at 50/60 Hz           |
| Device presentation             | Intermediate ring                |

### Complementary

|                                       |                                                         |
|---------------------------------------|---------------------------------------------------------|
| Accessory / separate part destination | Emergency switching off mushroom head push-button       |
| Material                              | Plastic                                                 |
| Marking                               | unmarked on yellow background                           |
| Label dimensions                      | Ø 60 mm                                                 |
| Height                                | 60 mm                                                   |
| Width                                 | 9.3 mm                                                  |
| Product weight                        | 0.031 kg                                                |
| Resistance to high pressure washer    | 7000000 Pa at 55 °C, distance : 0.1 m                   |
| [Ui] rated insulation voltage         | 600 V (pollution degree 3) conforming to EN/IEC 60947-1 |
| Signalling type                       | Steady                                                  |
| Supply voltage limits                 | 19.2...30 V DC<br>21.6...26.4 V AC                      |
| Current consumption                   | 18 mA                                                   |
| Service life                          | 100000 h at rated voltage and 25 °C                     |

|                    |                                  |
|--------------------|----------------------------------|
| Surge withstand    | 1 kV conforming to IEC 61000-4-5 |
| Compatibility code | XB4<br>XB5                       |

## Environment

|                                       |                                                                                                                                                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                                                                                                                                  |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                                                                                                                                                         |
| Ambient air temperature for operation | -40...55 °C                                                                                                                                                                                                                                                         |
| Overvoltage category                  | Class I conforming to IEC 60536                                                                                                                                                                                                                                     |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67 conforming to IEC 60529<br>IP69 conforming to IEC 60529<br>IP69K conforming to ISO 20653<br>Type 13 conforming to UL 50E<br>Type 12 conforming to UL 50E<br>Type 4 conforming to UL 50E<br>Type 4X conforming to UL 50E        |
| IK degree of protection               | IK03 conforming to EN 50102                                                                                                                                                                                                                                         |
| Standards                             | CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>UL 508<br>EN/IEC 60947-1<br>JIS C8201-5-1<br>JIS C8201-1                                                                                                                                                 |
| Product certifications                | UL listed<br>CSA                                                                                                                                                                                                                                                    |
| Vibration resistance                  | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6<br>25 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6                                                                                                                                                  |
| Shock resistance                      | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27 |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4                                                                                                                                                                                                                                    |
| Resistance to electromagnetic fields  | 10 V/m conforming to IEC 61000-4-3                                                                                                                                                                                                                                  |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2                                                                                                                                  |
| Electromagnetic emission              | Class B conforming to IEC 55011                                                                                                                                                                                                                                     |

## Offer Sustainability

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                             |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                 |
| REACH free of SVHC         | Yes                                                                                               |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes                                                                                               |
| Mercury free               | Yes                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                               |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                            |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                     |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                           |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|