

# ZALVB3

green light block for head Ø22 integral LED 24 V - screw clamp terminals



## Main

|                               |  |
|-------------------------------|--|
| Commercial Status             | Commercialised                               |
| Range of product              | Harmony XAL                                  |
| Product or component type     | Light block                                  |
| Device short name             | ZALV   |
| Product destination           | For XB5 Ø 22 mm control and signalling units |
| Mounting of block             | Rear mounting                                |
| Sale per indivisible quantity | 5  |
| Light source colour           | Green  |
| [Us] rated supply voltage     | 24 V AC/DC                                   |

## Complementary

|  |  |
|--|--|
| Assembly style                         | For customer assembly  |
| Product weight                         | 0.015 kg   |
| Connections - terminals                | Screw clamp terminals: $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals: $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1 |
| Tightening torque                      | 0.8...1.2 N.m conforming to EN 60947-1   |
| Shape of screw head                    | Slotted, flat Ø 5.5 mm<br>Slotted, flat Ø 4 mm<br>Cross, pozidriv No 1<br>Cross, Philips no 1  |
| [Ui] rated insulation voltage          | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1  |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-1  |
| Signalling type                        | Steady   |
| Light source                           | Integrated and protected LED   |
| Supply voltage limits                  | 21.6...26.4 V AC<br>19.2...30 V DC   |
| Current consumption                    | 18 mA  |
| Service life                           | 100000 h at rated voltage and 25 °C  |
| Surge withstand                        | 1 kV conforming to IEC 61000-5-1   |
| Light block supply                     | Direct   |
| Bulb base                              | Integral LED   |
| Electrical composition code            | PR1<br>MR1   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | TH  |
| Ambient air temperature for storage   | -40...70 °C   |
| Ambient air temperature for operation | -25...70 °C   |
| IP degree of protection               | IP20 conforming to IEC 60529  |
| Standards                             | CSA C22-2 No 14<br>EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>JIS C 4520<br>UL 508 |

|                                       |  |
|---------------------------------------|--|
| Product certifications                | CSA<br>UL listed   |
| Vibration resistance                  | 5 gn (12...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance                      | 50 gn for 11 ms half sine wave acceleration conforming to EN/IEC 60068-2-27<br>30 gn for 18 ms half sine wave acceleration conforming to EN/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 | 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2<br>6 kV on contact (on metal parts) conforming to IEC 61000-4-2                         |
| Electromagnetic emission              | Class B conforming to IEC 55011  |