

# ZBVG4

red light block for head Ø22 integral LED  
110...120V screw clamp terminals



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Harmony XB5<br>Harmony XB4   |
| Product or component type     | Light block  |
| Device short name             | ZBV  |
| Sale per indivisible quantity | 5  |
| Connections - terminals       | Screw clamp terminals : $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1<br>Screw clamp terminals : $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1 |
| Signalling type               | Steady   |
| Light source                  | Protected LED  |
| Bulb base                     | Integral LED   |
| Light block supply            | Direct   |
| Light source colour           | Red  |
| [Us] rated supply voltage     | 110...120 V AC, 50/60 Hz   |

## Complementary

|                             |   |
|-----------------------------|---|
| Product weight              | 0.017 kg  |
| Tightening torque           | 0.8...1.2 N.m conforming to EN 60947-1  |
| Shape of screw head         | Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Slotted head compatible with flat Ø 5.5 mm screwdriver |
| Current consumption         | 14 mA   |
| Service life                | 100000 h at rated voltage and 25 °C   |
| Surge withstand             | 1 kV conforming to IEC 61000-4-5  |
| Mounting of block           | Front mounting  |
| Electrical composition code | M1<br>M2<br>M3<br>M4<br>M5<br>M6<br>M10<br>MF1<br>P1<br>P2<br>PF1   |

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|                    |     |
|--------------------|-----|
| Compatibility code | ZBV |
|--------------------|-----|

## Environment

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

## Contractual warranty

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