

# ZBVB8

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



## Main

|                               |                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Harmony XB4<br>Harmony XB5                                                                                                                                                                             |
| 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           | Yellow                                                                                                                                                                                                 |
| [Us] rated supply voltage     | 24 V AC/DC at 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 compatible with Philips no 1 screwdriver<br>Cross compatible with pozidriv No 1 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver |
| 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                                                                                                                                                                          |
| Mounting of block           | Front mounting                                                                                                                                                                                            |
| Electrical composition code | M1<br>M2<br>M3                                                                                                                                                                                            |

M4  
M5  
M6  
M10  
MF1  
P1  
P2

|                     |               |
|---------------------|---------------|
| Device presentation | Basic element |
|---------------------|---------------|

## 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 60947-5-1<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>UL 508<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-5<br>JIS C8201-1 |
| 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                                                                                                         |

## 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>                           |
| 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>                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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