# Product data sheet
## Characteristics

# XB7EV61P
## round pilot light Ø 22 - white - BA 9s base - <= 250 V - screw clamp terminals

### Main

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|---|---|
| Range of product | Harmony XB7 |
| Product or component type | Monolithic pilot light |
| Device short name | XB7 |
| Mounting diameter | 22 mm |
| Sale per indivisible quantity | 10 |
| Shape of signaling unit head | Round |
| Cap/Operator or lens colour | White |
| Light source | Incandescent (bulb not included) |
| Bulb base | BA 9s |
| Light block supply | Direct |
| [Us] rated supply voltage | <= 250 V |

### Complementary

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|---|---|
| Height | 29 mm |
| Width | 29 mm |
| Depth | 54 mm |
| Terminals description ISO n°1 | (X1-X2)PL |
| Product weight | 0.018 kg |
| Device mounting | Fixing hole: Ø 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-5-1 |
| Fixing center | >= 30 x 40 mm on support panel, plastic, thickness: 2...6 mm<br>>= 30 x 40 mm on support panel, metal, thickness: 1...6 mm |
| Fixing mode | Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m) |
| Connections - terminals | Screw clamp terminals: 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1<br>Forked type tag connectors(6.5 mm) conforming to EN/IEC 60947-1<br>Faston connectors(6.35 x 0.8 mm) conforming to EN/IEC 60947-1 |
| Tightening torque | 0.8...1.2 N.m conforming to EN 60947-1 |
| Shape of screw head | Slotted head compatible with flat Ø 5.5 mm screwdriver<br>Slotted head compatible with flat Ø 4 mm screwdriver<br>Cross head compatible with pozidriv No 1 screwdriver<br>Cross head compatible with Philips no 1 screwdriver<br>Cross head compatible with JIS No 1 screwdriver |
| [Ui] rated insulation voltage | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1 |
| Signalling type | Steady |

### Environment

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|---|---|
| Protective treatment | TH |
| Ambient air temperature for storage | -40...70 °C |
| Ambient air temperature for operation | -25...55 °C |
| Class of protection against electric shock | Class II conforming to IEC 60536 |
| IP degree of protection | IP54 (front face) conforming to IEC 60529<br>IP20 (rear face) conforming to IEC 60529 |
| NEMA degree of protection | NEMA 12 |

| | |
|---|---|
| Standards | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14 |
| Vibration resistance | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Electromagnetic emission | Class B conforming to EN 55011 |