# Product data sheet
## Characteristics

# XA2EVF4LC
Monolithic pilot light, Harmony XA2E, plastic, red, 22mm, COB LED, screw clamp terminals, 110V AC DC, anti interference



## Main

| | |
|---|---|
| Range of product | Harmony XA2 |
| Product or component type | Monolithic pilot light |
| Device short name | XA2 |
| Mounting diameter | 22.5 Mm |
| Shape of signaling unit head | Round |
| Cap/operator or lens colour | Red |
| Light source | COB clustered LED |
| Bulb base | No bulb |
| [Us] rated supply voltage | 110 V AC/DC 50/60 Hz |

## Complementary

| | |
|---|---|
| Terminals description ISO n°1 | (X1-X2)PL |
| Device mounting | Fixing hole - diameter: 22.5 mm +/- 0.2 conforming to IEC 60947-5-1 |
| Fixing center | >= 30 x 40 mm (support panel) metal - thickness: 1…6 mm<br>>= 30 x 40 mm (support panel) plastic - thickness: 2…6 mm |
| Fixing mode | Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m) |
| Marking | CE<br>CCC |
| [Us] rated supply voltage | 110 V |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1<br>Screw clamp terminals, 1 x 0.5...1 x 2.5 mm² without cable end conforming to IEC 60947-1 |
| Shape of screw head | Cross compatible with Philips No 2 screwdriver<br>Slotted compatible with flat Ø 4 mm screwdriver<br>Slotted compatible with flat Ø 5.5 mm screwdriver |
| [Ui] rated insulation voltage | 400 V (pollution degree 3) conforming to IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 KV conforming to IEC 60947-1 |
| Signalling type | Steady |
| Supply voltage limits | 0.8…1.2 V AC/DC |
| Current consumption | <= 20 mA |
| Service life | 40000 H at rated voltage and 25 °C |
| Height | 29 Mm |
| Width | 29 Mm |
| Depth | 53 Mm |
| Net weight | 0.02 Kg |

## Environment

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|---|---|
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -25…70 °C |
| Overvoltage category | Class I conforming to IEC 61140 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| IK degree of protection | IK05 |
| Standards | IEC 60947-5-1<br>IEC 60947-1<br>GB 14048.5<br>GB 14048.1<br>IEC 60529<br>IEC 50102 |
| Product certifications | CE[RETURN]CCC |
| Vibration resistance | 5 gn (f= 12…500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.700 Cm |
| Package 1 Width | 2.700 Cm |
| Package 1 Length | 5.100 Cm |
| Package 1 Weight | 20.000 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 6.500 Cm |
| Package 2 Width | 6.500 Cm |
| Package 2 Length | 16.000 Cm |
| Package 2 Weight | 229.000 G |
| Unit Type of Package 3 | S02 |
| Number of Units in Package 3 | 160 |
| Package 3 Height | 15.000 Cm |
| Package 3 Width | 30.000 Cm |
| Package 3 Length | 40.000 Cm |
| Package 3 Weight | 3.924 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 20 |
| Total lifecycle Carbon footprint | 4 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.76816 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.8 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0030076 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0055667 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 3.3646213512961842 |
| REACh free of SVHC | Yes |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 3 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.043295 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 4 |

| | |
|---|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, w |
| End of life manual availability | End Of Life Information |
| Take-back | No |

## Contractual warranty

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|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised