

Product data sheet

Specifications



Pilot light, Harmony XB5, grey plastic, red flush mounted, 30mm, universal LED, plain lens, 24V AC DC

XB5FV4

Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks

Main

| | |
|---------------------------------|------------------------|
| Range of product | Harmony XB5 |
| Product or component type | Pilot light |
| Device short name | XB5F |
| Bezel material | Dark grey plastic |
| Fixing collar material | Plastic |
| Head type | Built-in-flush |
| Mounting diameter | 30.5 mm |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |
| Cap/operator or lens colour | Red |
| Operator additional information | With plain lens |
| Light source | Universal LED |
| Bulb base | Integral LED |
| Light source colour | Red |
| [Us] rated supply voltage | 24 V AC/DC at 50/60 Hz |
| Device presentation | Complete product |

Complementary

| | |
|---|---|
| Height | 42 mm |
| Width | 36.6 mm |
| Depth | 55 mm |
| Terminals description ISO n°1 | (X1-X2)PL |
| Product weight | 0.038 kg |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm ² without cable end conforming to IEC 60947-1 |
| [U _i] rated insulation voltage | 250 V (pollution degree 3) conforming to IEC 60947-1 |
| [U _{imp}] rated impulse withstand voltage | 4 kV conforming to IEC 60947-1 |
| Signalling type | Steady |

| | |
|------------------------------|-------------------------------------|
| GCR BRIDGE | XB5FVCUST01 |
| Compatibility code | XB5 |
| Supply voltage limits | 19.2...30 V DC 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 |

Environment

| | |
|--|--|
| Protective treatment | TH |
| Ambient air temperature for storage | -40...70 °C |
| Ambient air temperature for operation | -40...70 °C |
| Overvoltage category | Class II conforming to IEC 60536 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653 |
| Enclosure Type | UL type 4X/13 |
| IK degree of protection | IK03 conforming to IEC 50102 |
| Standards | JIS C8201-5-1 CSA C22.2 No 14 UL 508 IEC 60947-1 IEC 60947-5-4 IEC 60947-5-1 JIS C8201-1 ISO 21702 ISO 22196:2011 |
| Product certifications | UL listed CSA |
| Vibration resistance | 5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 30 gn (duration = 11 ms) for half sine wave acceleration conforming to 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 |
| Electromagnetic compatibility | Electrostatic discharge - test level: 6 kV (on contact (on metal parts)) conforming to IEC 61000-4-2 Electrostatic discharge - test level: 8 kV (in free air (in insulating parts)) conforming to IEC 61000-4-2 Electromagnetic emission class B conforming to IEC 55011 |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2 |
| Electromagnetic emission | Class B conforming to IEC 55011 |

Packing Units

| | |
|-------------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.6 cm |
| Package 1 Width | 4.3 cm |

| | |
|------------------------------|----------|
| Package 1 Length | 5.3 cm |
| Package 1 Weight | 41.0 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 120 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 5.509 kg |

Contractual warranty

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



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

| | |
|--|----------------|
| Total lifecycle Carbon footprint | 0.8 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.3 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0.4 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.1 kg CO2 eq. |

Use Better



Materials and Substances

| | |
|--|--|
| Average percentage of recycled plastic content | 21 % |
| Average percentage of recycled metal content | 7 % |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | 3d14fd98-3859-4733-a5ee-a3016769973c |
| EU RoHS Directive | Compliant By Exemption |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

Use Longer



Lifetime extension

| | |
|----------------------|-------------------|
| Repair | No |
| Product repair index | A |

Use Again



Repack and remanufacture

| | |
|---------------------------------|---|
| Recyclability potential, in % | 22 |
| End of life manual availability | End of Life Information |
| Take-back | No |

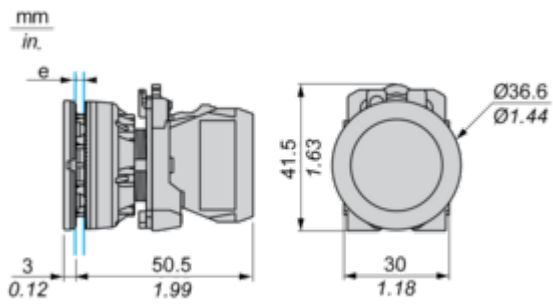
WEEE Label



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

Dimensions Drawings

Dimensions

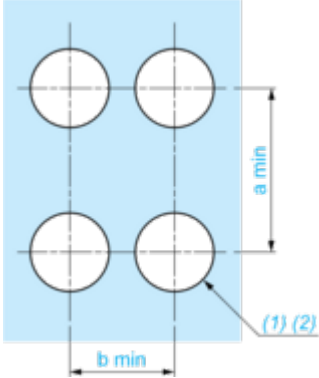


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors



(1) Diameter on finished panel or support

(2) $\varnothing 30.75 \text{ mm}$ recommended ($\varnothing 30.5 \text{ }_0^{+0.5}$) / $\varnothing 1.21 \text{ in.}$ recommended ($\varnothing 1.20 \text{ in. }_0^{+0.0196}$)

| Connections | a in mm | a in in. | b in mm | b in in. |
|---|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40 | 1.57 | 40 | 1.57 |
| By Faston connectors | 45 | 1.77 | 40 | 1.57 |

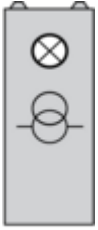
Technical Description

Electrical Composition Corresponding to Codes P1, P3, PF1, PR1 and PF2

Light block



Electrical Composition Corresponding to Code P4



Legend

Single contact



Double contact



Light block

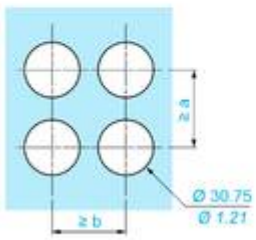
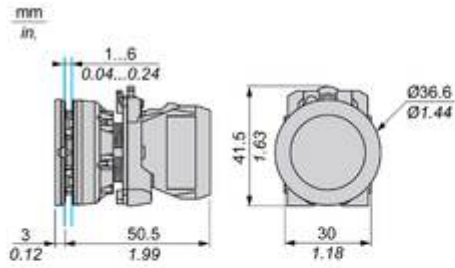


Possible location



Technical Illustration

Dimensions



| | | a (mm) | a (in.) | b (mm) | b (in.) |
|-----------|-----------|--------|---------|--------|---------|
| | | 40 | 1.57 | 40 | 1.57 |
| ZBE..... | ZBV..... | | | | |
| | | 45 | 1.77 | 40 | 1.57 |
| ZBE.....3 | ZBV.....3 | | | | |
| | | 40 | 1.57 | 40 | 1.57 |
| ZBE.....4 | ZBV.....4 | | | | |

Image of product / Alternate images

Alternative



