

# Product data sheet

## Characteristics

# XB5FVG5C0

Pilot light, Harmony XB5, flush mounted complete, 110...120 V, orange cp grey



### Main

|                                 |                            |
|---------------------------------|----------------------------|
| Range of product                | Harmony XB5                |
| Product or component type       | Pilot light                |
| Device short name               | XB5F                       |
| Bezel material                  | Plastic colour plated grey |
| 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     | Orange                     |
| Operator additional information | With plain lens            |
| Light source                    | Protected LED              |
| Bulb base                       | Integral LED               |
| Light source colour             | Orange                     |
| [Us] rated supply voltage       | 110...120 V AC 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   |
| Net 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 <sup>2</sup> with cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm <sup>2</sup> without cable end conforming to EN/IEC 60947-1 |
| [Ui] rated insulation voltage           | 250 V (pollution degree 3) conforming to EN 60947-1   |
| [Uiimp] rated impulse withstand voltage | 4 kV EN 60947-1   |
| Signalling type                         | Steady  |
| GCR BRIDGE                              | XB5FVCUST03   |
| Supply voltage limits                   | 100...132 V AC  |
| Current consumption                     | 14 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<br>IP67 conforming to IEC 60529 |

|                                       |  |
|---------------------------------------|--|
| NEMA degree of protection             | NEMA 13<br>NEMA 4X   |
| IK degree of protection               | IK03 conforming to IEC 50102   |
| Standards                             | JIS C8201-5-1<br>CSA C22.2 No 14<br>UL 508<br>EN/IEC 60947-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-1<br>JIS C8201-1  |
| Product certifications                | UL listed<br>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<br>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<br>Electrostatic discharge - test level: 8 kV (in free air (in insulating parts)) conforming to IEC 61000-4-2<br>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<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2   |
| Electromagnetic emission              | Class B conforming to IEC 55011  |

### Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 42.000 g |
| Package 1 Height | 8.600 cm |
| Package 1 width  | 4.300 cm |
| Package 1 Length | 5.200 cm |

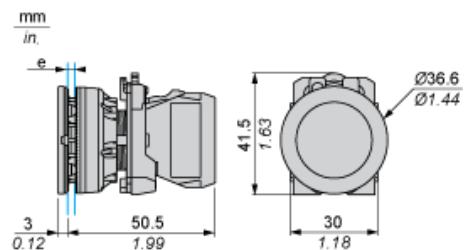
### Offer Sustainability

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

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Dimensions

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

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

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Connection by Screw Clamp Terminals or Plug-in Connectors



(1) Diameter on finished panel or support

(2) Ø30.75 mm recommended ( $\text{Ø}30.5 \text{ mm}^{+0.5}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in.}^{+0.0196}$ )

| 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     |

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

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Light block



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**Electrical Composition Corresponding to Code P4**

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**Legend**

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Single contact



Double contact



Light block



Possible location

