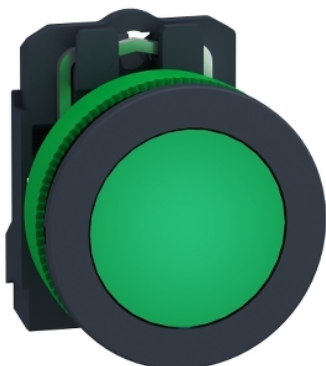


# XB5FVB3

Pilot light flush mounted, plastic, green, Ø30,  
plain lens with integral LED, 24 V AC/DC



## 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               | 1.20 in (30.5 mm)   |
| Sale per indivisible quantity   | 1                   |
| Shape of signaling unit head    | Round               |
| Cap/operator or lens colour     | Green               |
| Operator additional information | With plain lens     |
| Light source                    | Protected LED       |
| Bulb base                       | Integral LED        |
| Light source colour             | Green               |
| [Us] rated supply voltage       | 24 V AC/DC 50/60 Hz |
| Device presentation             | Complete product    |

## Complementary

|                                        |                                                                                                                                                       |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Height                         | 1.65 in (42 mm)                                                                                                                                       |
| Maximum Width                          | 1.44 in (36.6 mm)                                                                                                                                     |
| Maximum Depth                          | 2.17 in (55 mm)                                                                                                                                       |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                                                                             |
| Net Weight                             | 0.08 lb(US) (0.038 kg)                                                                                                                                |
| Resistance to high pressure washer     | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                                                                                         |
| Connections - terminals                | Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN/IEC 60947-1<br>Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end EN/IEC 60947-1 |
| [Ui] rated insulation voltage          | 250 V 3)EN 60947-1                                                                                                                                    |
| [Uimp] rated impulse withstand voltage | 4 kV EN 60947-1                                                                                                                                       |
| Signalling type                        | Steady                                                                                                                                                |
| GCR BRIDGE                             | XB5FVCUST01                                                                                                                                           |
| Compatibility code                     | XB5                                                                                                                                                   |
| 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 IEC 61000-4-5                                                                                                                                    |

## Environment

|                                       |                                                                                                                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                                                                    |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                                                                                                            |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C)                                                                                                                                                                            |
| Overvoltage category                  | Class II IEC 60536                                                                                                                                                                                    |
| IP degree of protection               | IP66 IEC 60529<br>IP67 IEC 60529<br>IP69 IEC 60529<br>IP69K ISO 20653                                                                                                                                 |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                                                                                                    |
| IK degree of protection               | IK03 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 12...500 Hz)IEC 60068-2-6                                                                                                                                                                        |
| Shock resistance                      | 50 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>30 gn 11 ms) half sine wave acceleration IEC 60068-2-27                                                                                    |
| Resistance to fast transients         | 2 kV IEC 61000-4-4                                                                                                                                                                                    |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) IEC 61000-4-3                                                                                                                                                                       |
| Electromagnetic compatibility         | Electrostatic discharge 6 kV on contact (on metal parts)) IEC 61000-4-2<br>Electrostatic discharge 8 kV in free air (in insulating parts)) IEC 61000-4-2<br>Electromagnetic emissionclass B IEC 55011 |
| Resistance to electrostatic discharge | 6 KV on contact (on metal parts) IEC 61000-4-2<br>8 kV in free air (in insulating parts) IEC 61000-4-2                                                                                                |
| Electromagnetic emission              | Class B IEC 55011                                                                                                                                                                                     |

## Ordering and shipping details

|                       |                |
|-----------------------|----------------|
| Nbr. of units in pkg. | 1              |
| Package weight(Lbs)   | 1.48 oz (42 g) |

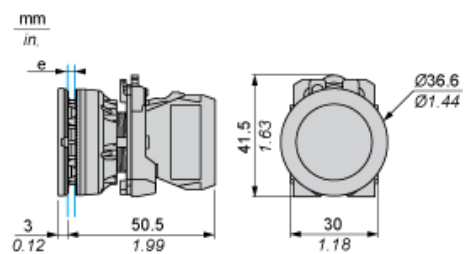
## Packing Units

|                        |                  |
|------------------------|------------------|
| Unit Type of Package 1 | PCE              |
| Package 1 Height       | 1.69 in (4.3 cm) |
| Package 1 width        | 2.09 in (5.3 cm) |
| Package 1 Length       | 3.39 in (8.6 cm) |

## Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                        |
| 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>                                                                                       |
| 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. |

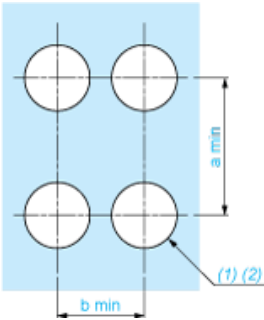
## Dimensions



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

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) Ø30.75 mm recommended ( $\text{Ø}30.5 \text{ }_0^{+0.5}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in. }_0^{+0.0196}$ )

| 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     |

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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

