

# XB5AVB1

Harmony XB5, Pilot light, plastic, white, Ø22, plain lens with integral LED, 24 V AC/DC



## Main

|                                 |                     |
|---------------------------------|---------------------|
| Range of Product                | Harmony XB5         |
| Product or Component Type       | Pilot light         |
| Device short name               | XB5                 |
| Bezel material                  | Dark grey plastic   |
| Fixing collar material          | Plastic             |
| Head type                       | Standard            |
| Mounting diameter               | 0.87 in (22 mm)     |
| Sale per indivisible quantity   | 1                   |
| Shape of signaling unit head    | Round               |
| Cap/operator or lens colour     | White               |
| Operator additional information | With plain lens     |
| Light source                    | Protected LED       |
| Bulb base                       | Integral LED        |
| Light source colour             | White               |
| [Us] rated supply voltage       | 24 V AC/DC 50/60 Hz |
| Device presentation             | Complete product    |

## Complementary

|  |  |
|--|--|
| Height                                 | 1.65 in (42 mm)  |
| Width                                  | 1.18 in (30 mm)  |
| Depth                                  | 2.13 in (54 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, 1 x 0.22...2 x 2.5 mm <sup>2</sup> 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                             | XB5AVCUST03  |
| 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   |

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## 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               | IK05 IEC 50102  |
| 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

|                       |                                       |
|-----------------------|---------------------------------------|
| Category              | 22467 - PUSHBUTTONS,22MM(PLASTIC) NEW |
| Discount Schedule     | CS2                                   |
| GTIN                  | 3389110903768                         |
| Nbr. of units in pkg. | 1                                     |
| Package weight(Lbs)   | 1.24 oz (35.28 g)                     |
| Returnability         | Yes                                   |
| Country of origin     | FR                                    |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Package 1 Height             | 1.38 in (3.5 cm)          |
| Package 1 width              | 2.17 in (5.5 cm)          |
| Package 1 Length             | 3.35 in (8.5 cm)          |
| Unit Type of Package 2       | S03                       |
| Number of Units in Package 2 | 150                       |
| Package 2 Weight             | 12.62 lb(US) (5.726 kg)   |
| Package 2 Height             | 11.81 in (30 cm)          |
| Package 2 width              | 11.81 in (30 cm)          |
| Package 2 Length             | 15.75 in (40 cm)          |
| Unit Type of Package 3       | P06                       |
| Number of Units in Package 3 | 1200                      |
| Package 3 Weight             | 118.63 lb(US) (53.808 kg) |
| Package 3 Height             | 29.53 in (75 cm)          |
| Package 3 width              | 31.50 in (80 cm)          |
| Package 3 Length             | 23.62 in (60 cm)          |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| 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>  |
| 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.  |

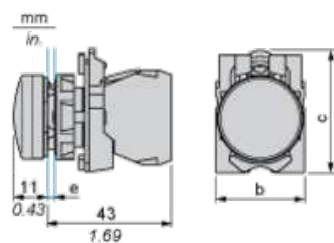
## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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Dimensions

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

b: 30 mm / 1.18 in.

c: 41.5 mm / 1.63 in.

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

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88$  in.  $_0^{+0.016}$ )

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|---|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 30      | 1.18     |
| By Faston connectors                          | 45      | 1.77     | 32      | 1.26     |
| On printed circuit board                      | 30      | 1.18     | 30      | 1.18     |

Detail of Lug Recess



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3_0^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88$  in.  $_0^{+0.016}$ )