



### Main

|                                 |                       |
|---------------------------------|-----------------------|
| Range of Product                | Harmony XB4           |
| Product or Component Type       | Head for pilot light  |
| Product Compatibility           | Integral LED          |
| Device short name               | ZB4F                  |
| Bezel material                  | Chromium plated metal |
| Mounting diameter               | 1.20 in (30.5 mm)     |
| Sale per indivisible quantity   | 1                     |
| Head type                       | Built-in-flush        |
| Shape of signaling unit head    | Round                 |
| Cap/operator or lens colour     | Orange                |
| Operator additional information | With plain lens       |

### Complementary

|                                    |                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------|
| CAD overall width                  | 1.44 in (36.6 mm)                                                                |
| CAD overall height                 | 1.44 in (36.6 mm)                                                                |
| CAD overall depth                  | 1.22 in (31 mm)                                                                  |
| Net Weight                         | 0.13 lb(US) (0.058 kg)                                                           |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                    |
| Electrical composition code        | P1 front mounting integral LED<br>P2 front mounting integral LED and transformer |
| Device presentation                | Basic element                                                                    |

### 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 I IEC 60536                                                                                                                                |
| IP degree of protection               | IP66 IEC 60529<br>IP67 IEC 60529<br>IP69 IEC 60529<br>IP69K ISO 20653<br>Type 13 UL 50 E<br>Type 12 UL 50 E<br>Type 4 UL 50 E<br>Type 4X UL 50 E |
| IK degree of protection               | IK06 IEC 50102                                                                                                                                   |
| Standards                             | EN/IEC 60947-5-4<br>EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>JIS C8201-5-1<br>CE<br>JIS C8201-1                        |
| Product Certifications                | UL Listed<br>CSA<br>CCC<br>EAC                                                                                                                   |

|                      |                                                                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration resistance | 5 gn 10...500 Hz)IEC 60068-2-6<br>2 mm peak to peak 2...10 Hz)IEC 60068-2-6                                                                                               |
| Shock resistance     | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27<br>25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27 |

## Ordering and shipping details

|                       |                                     |
|-----------------------|-------------------------------------|
| Category              | 22468 - PUSHBUTTONS,22MM(METAL) NEW |
| Discount Schedule     | CS2                                 |
| GTIN                  | 3606489582562                       |
| Nbr. of units in pkg. | 1                                   |
| Package weight(Lbs)   | 2.05 oz (58 g)                      |
| Returnability         | Yes                                 |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 1.73 in (4.4 cm)        |
| Package 1 width              | 2.05 in (5.2 cm)        |
| Package 1 Length             | 2.17 in (5.5 cm)        |
| Unit Type of Package 2       | BB1                     |
| Number of Units in Package 2 | 5                       |
| Package 2 Weight             | 10.48 oz (297 g)        |
| Package 2 Height             | 1.73 in (4.4 cm)        |
| Package 2 width              | 2.17 in (5.5 cm)        |
| Package 2 Length             | 10.43 in (26.5 cm)      |
| Unit Type of Package 3       | S02                     |
| Number of Units in Package 3 | 80                      |
| Package 3 Weight             | 11.12 lb(US) (5.045 kg) |
| Package 3 Height             | 5.91 in (15 cm)         |
| Package 3 width              | 11.81 in (30 cm)        |
| Package 3 Length             | 15.75 in (40 cm)        |

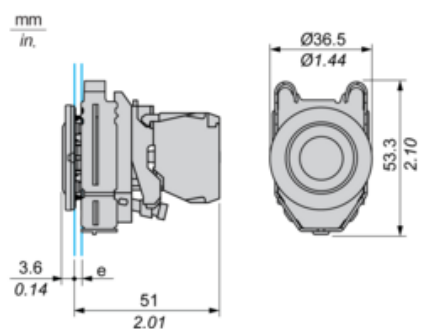
## Offer Sustainability

|                            |                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                |
| 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> |
| Toxic heavy metal free     | Yes                                                                                                                                                                                  |
| 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>                                                          |

## Contractual warranty

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

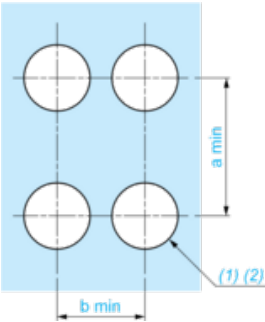
## Dimensions



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 connectors                               | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF32 | 50      | 1.97     | 40      | 1.57     |
| By connectors and with legend holder ZBZF33 | 60      | 2.36     | 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 Codes M6 and P2

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Legend

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Single contact

Double contact

Light block

Possible location



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