

## ZB4BW35

Harmony XB4, Illuminated push button head, metal, flush, orange, Ø22, spring return, plain lens for BA9s bulb



### Main

|                                 |                                  |
|---------------------------------|----------------------------------|
| Range of Product                | Harmony XB4                      |
| Product or Component Type       | Head for illuminated push-button |
| Device short name               | ZB4                              |
| Product Compatibility           | BA 9s                            |
| Bezel material                  | Chromium plated metal            |
| Head type                       | Standard                         |
| Mounting diameter               | 0.87 in (22 mm)                  |
| Sale per indivisible quantity   | 1                                |
| Shape of signaling unit head    | Round                            |
| Type of operator                | Spring return                    |
| Operator profile                | Orange flush, unmarked           |
| Operator additional information | With plain lens                  |

### Complementary

|                                    |   |
|------------------------------------|---|
| CAD overall width                  | 1.14 in (29 mm)   |
| CAD overall height                 | 1.14 in (29 mm)   |
| CAD overall depth                  | 1.26 in (32 mm)   |
| Net Weight                         | 0.06 lb(US) (0.027 kg)  |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m   |
| Mechanical durability              | 10000000 cycles   |
| Electrical composition code        | M7 6 single front mounting BA 9s<br>M8 6 single and double front mounting BA 9s<br>M9 2 single front mounting BA 9s and transformer |
| Device presentation                | Basic sub-assemblies  |

### Environment

|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | TH  |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)  |
| Ambient air temperature for operation | -40...131 °F (-40...55 °C)  |
| Overvoltage category                  | Class I IEC 60536   |
| IP degree of protection               | IP66 IEC 60529<br>IP67<br>IP69<br>IP69K   |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X  |
| IK degree of protection               | IK06 EN 50102   |
| Standards                             | JIS C8201-5-1<br>EN/IEC 60947-1<br>EN/IEC 60947-5-5<br>EN/IEC 60947-5-4<br>UL 508<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>JIS C8201-1 |

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|                        |  |
|------------------------|--|
| Product Certifications | GL<br>DNV<br>UL Listed<br>LROS (Lloyds register of shipping)<br>BV<br>CSA  |
| Vibration resistance   | 5 gn 2...500 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 |

## Ordering and shipping details

|                       |                                     |
|-----------------------|-------------------------------------|
| Category              | 22468 - PUSHBUTTONS,22MM(METAL) NEW |
| Discount Schedule     | CS2                                 |
| GTIN                  | 3389110889727                       |
| Nbr. of units in pkg. | 1                                   |
| Package weight(Lbs)   | 0.95 oz (27 g)                      |
| Returnability         | Yes                                 |
| Country of origin     | CZ                                  |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 1.42 in (3.6 cm)       |
| Package 1 width              | 1.65 in (4.2 cm)       |
| Package 1 Length             | 1.81 in (4.6 cm)       |
| Unit Type of Package 2       | S01                    |
| Number of Units in Package 2 | 50                     |
| Package 2 Weight             | 3.41 lb(US) (1.546 kg) |
| Package 2 Height             | 5.91 in (15 cm)        |
| Package 2 width              | 5.91 in (15 cm)        |
| Package 2 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>  |

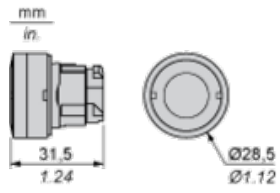
## Contractual warranty

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

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Dimensions

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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   | Connection by Faston Connectors   |
|---|---|
|    |  |
| <p>(1) Diameter on finished panel or support<br/>                 (2) 40 mm min. / 1.57 in. min.<br/>                 (3) 30 mm min. / 1.18 in. min.<br/>                 (4) <math>\varnothing 22.5</math> mm / 0.89 in. recommended (<math>\varnothing 22.3</math> mm <math>_0^{+0.4}</math> / 0.88 in. <math>_0^{+0.016}</math>)<br/>                 (5) 45 mm min. / 1.78 in. min.<br/>                 (6) 32 mm min. / 1.26 in. min.</p> |   |

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

Panel Cut-outs (Viewed from Installer's Side)



A: 30 mm min. / 1.18 in. min.  
 B: 40 mm min. / 1.57 in. min.

Printed Circuit Board Cut-outs (Viewed from Electrical Block Side)

Dimensions in mm





(1) Panel

(2) Printed circuit board

### Mounting of Adapter (Socket) ZBZ 01\*

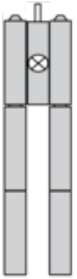
- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  for centring adapter ZBZ 01\*
- 3 8 ×  $\varnothing 1.2 \text{ mm} / 0.05 \text{ in.}$  holes
- 4 1 hole  $\varnothing 2.9 \text{ mm} \pm 0.05 / 0.11 \text{ in.} \pm 0.002$ , for aligning the printed circuit board (with cut-out marked a)
- 5 1 elongated hole for aligning the printed circuit board (with cut-out marked b)
- 6 4 holes  $\varnothing 2.4 \text{ mm} / 0.09 \text{ in.}$  for clipping in adapter ZBZ 01\*

Dimensions An + 18.1 relate to the  $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$  holes for centring adapter ZBZ 01\*.

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Electrical Composition Corresponding to Codes M1 and M7

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Electrical Composition Corresponding to Codes M2 and M8

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Electrical Composition Corresponding to Code M9

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Legend

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Single contact

Double contact

Light block

Possible location

