



Main

| | |
|---------------------------------|--|
| Range of Product | Harmony XB4 |
| Product or Component Type | Head for non-illuminated push-button |
| Device short name | ZB4 |
| Product compatibility | Not compatible with legend holder |
| Bezel material | Chromium plated metal |
| Mounting diameter | 0.87 in (22 mm) |
| Sale per indivisible quantity | 1 |
| Head type | Standard |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Red flush, unmarked |
| Operator additional information | Clear boot for insertion of protected legend within head |

Complementary

| | |
|-----------------------------|--|
| CAD overall width | 1.18 in (30 mm) |
| CAD overall height | 1.18 in (30 mm) |
| CAD overall depth | 1.46 in (37 mm) |
| Mechanical durability | 10000000 cycles |
| Electrical composition code | C3 6 single front mounting C4 6 single and double front mounting C14 2 single front mounting |
| 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 IP67 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK06 IEC 50102 |
| Standards | CSA C22.2 No 14 EN/IEC 60947-5-4 EN/IEC 60947-5-1 EN/IEC 60947-1 UL 508 JIS C8201-5-1 EN/IEC 60947-5-5 JIS C8201-1 |
| Product Certifications | UL Listed LROS (Lloyds register of shipping) DNV BV CSA GL |

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|----------------------|--|
| 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 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 | 3389110888058 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.13 oz (32 g) |
| Returnability | No |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 3.23 in (8.2 cm) |
| Package 1 width | 2.05 in (5.2 cm) |
| Package 1 Length | 1.26 in (3.2 cm) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Weight | 5.82 oz (165 g) |
| Package 2 Height | 3.46 in (8.8 cm) |
| Package 2 width | 10.43 in (26.5 cm) |
| Package 2 Length | 1.34 in (3.4 cm) |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 150 |
| Package 3 Weight | 12.52 lb(US) (5.681 kg) |
| Package 3 Height | 11.81 in (30 cm) |
| Package 3 width | 11.81 in (30 cm) |
| Package 3 Length | 15.75 in (40 cm) |

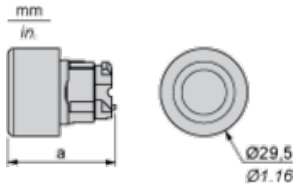
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

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

Dimensions



| | a in mm | a in in. |
|----------|---------|----------|
| ZB4BP•• | 36.5 | 1.44 |
| ZB4BP•S | 33 | 1.30 |
| ZB4BP•83 | 32 | 1.26 |
| ZB4BP• | 35 | 1.38 |

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 (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) $\varnothing 22.5$ mm / 0.89 in. recommended ($\varnothing 22.3$ mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$) (5) 45 mm min. / 1.78 in. min. (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 mm \pm 0.05 / 0.09 in. \pm 0.002 for centring adapter ZBZ 01•
- 3 8 \times \varnothing 1.2 mm / 0.05 in. holes
- 4 1 hole \varnothing 2.9 mm \pm 0.05 / 0.11 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 mm / 0.09 in. for clipping in adapter ZBZ 01•

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

Electrical Composition Corresponding to Code C3

Electrical Composition Corresponding to Code C4

Electrical Composition Corresponding to Codes C14, SF2 and SR2

Legend

Single contact

Double contact

Light block

Possible location

