ZB4FA9

Head for non illuminated push button, Harmony XB4, flush mounted pushbutton with set of 6 colored standard cap





Main

| Range of product | Harmony XB4 |
|-------------------------------|--------------------------------------|
| Product or component type | Head for non-illuminated push-button |
| Device short name | ZB4F |
| Bezel material | Chromium plated metal |
| Mounting diameter | 30.5 mm |
| Sale per indivisible quantity | 1 |
| Head type | Built-in-flush |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | 6 colours choice flush, unmarked |

Complementary

| C15 for <1 contacts using single blocks in front mounting |
|---|
| |
| C11 for <3 contacts using single blocks in front mounting |
| C2 for <9 contacts using single and double blocks in front mounting |
| C1 for <9 contacts using single blocks in front mounting |
| 10000000 cycles |
| 31 mm |
| |
| 36.6 mm |
| 36.6 mm |
| |

Environment

| Protective treatment | TH |
|---------------------------------------|---|
| Ambient air temperature for storage | -4070 °C |
| Ambient air temperature for operation | -4070 °C |
| Overvoltage category | Class I conforming to IEC 60536 |
| IP degree of protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653 Type 13 conforming to UL 50E Type 12 conforming to UL 50E Type 4 conforming to UL 50E Type 4X conforming to UL 50E |
| IK degree of protection | IK06 conforming to IEC 50102 |
| Standards | CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-5-4 UL 508 EN/IEC 60947-1 JIS C8201-5-1 CE JIS C8201-1 |
| Product certifications | UL listed CSA CCC EAC |

| Vibration resistance | 5 gn (f= 10500 Hz) conforming to IEC 60068-2-6 25 mm peak to peak (f= 210 Hz) conforming to IEC 60068-2-6 |
|----------------------|--|
| Shock resistance | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| | 25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27 |

Packing Units

| Unit Type of Package 1 | PCE | |
|------------------------------|--------|--|
| Number of Units in Package 1 | 1 | |
| Package 1 Weight | 69 g | |
| Package 1 Height | 4.3 cm | |
| Package 1 width | 5.2 cm | |
| Package 1 Length | 5.5 cm | |
| | | |

Offer Sustainability

| Green Premium product | |
|-------------------------------|--|
| REACh Declaration Yes | |
| | |
| Yes | |
| Yes | |
| ₫Yes | |
| ☑ China RoHS Declaration | |
| Product Environmental Profile | |
| ☑ End Of Life Information | |
| | |

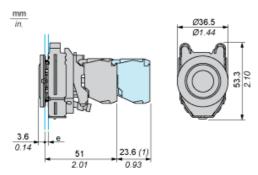
Contractual warranty

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

Product data sheet **Dimensions Drawings**

ZB4FA9

Dimensions

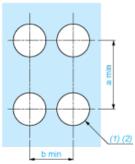


e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in. (1): Additional row of contacts

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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



(1): Diameter on finished panel or support

(2) : Ø30.75 mm recommended (Ø30.5 $_0$ $^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 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 |

Legend

| Electrical Composition Corresponding to Code C1 |
|--|
| |
| Electrical Composition Corresponding to Code C2 |
| |
| Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1 |
| Electrical Composition Corresponding to Code C15 |
| Electrical composition corresponding to code cite |
| 1 N/O |
| 1 N/C |
| |
| 1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C |
| |

Single contact

Double contact



Light block



Possible location

