

Product data sheet

Characteristics

ZB4BC380

pushbutton head for harsh environment - green
- without marking



Main

| | |
|-------------------------------|-----------------------|
| Range of product | Harmony XB4 |
| Product or component type | Head for push-button |
| Device short name | ZB4 |
| Bezel material | Chromium plated metal |
| Head type | Standard |
| Mounting diameter | 22.5 mm |
| Sale per indivisible quantity | 1 |
| Cap/operator or lens colour | Green |

Complementary

| | |
|-----------------------------------|---|
| CAD overall width | 37 mm |
| CAD overall height | 18.5 mm |
| CAD overall depth | 37 mm |
| Net weight | 0.036 kg |
| Electrical shock protection class | Class I conforming to IEC 61140 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return |
| Operator profile | Green flush, unmarked |
| Operator additional information | Vertical mounting Horizontal mounting |
| Mechanical durability | 10000000 cycles |
| Vibration resistance | 5 gn (f= 2...500 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 |
| Main group | Harsh environment |
| Group of product | Flush unmarked |
| Marking | Unmarked |
| Electrical composition code | C1 for <9 contacts using single blocks in front mounting C2 for <9 contacts using single and double blocks in front mounting C11 for <3 contacts using single blocks in front mounting C15 for <1 contacts using single blocks in front mounting |
| Device presentation | Basic element |

Environment

| | |
|---------------------------------------|---|
| Ambient air temperature for storage | -40...85 °C |
| Ambient air temperature for operation | -40...70 °C |
| IP degree of protection | IP66 conforming to IEC 60529 IP69K IP67 IP69 |
| NEMA degree of protection | NEMA 4 conforming to UL 508 NEMA 13 NEMA 12 |
| Resistance to high pressure washer | 90 Pa at 82.5 °C |
| IK degree of protection | IK06 conforming to IEC 62262 |
| Standards | IEC 60947-5-1 IEC 60947-1 UL 508 CSA C22.2 |
| Product certifications | CSA[RETURN]CE[RETURN]UL |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.0 cm |
| Package 1 Width | 5.0 cm |
| Package 1 Length | 8.0 cm |
| Package 1 Weight | 33.0 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 100 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 3.628 kg |

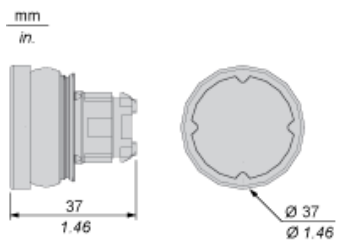
Offer Sustainability

| | |
|----------------------------|--|
| Sustainable offer status | Green Premium product |
| 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 |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

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

Dimensions



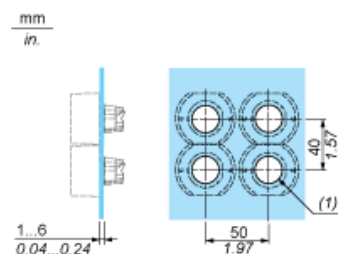
Installation on Flat Surface

Without Protective Guard



(1) Ø22.5 mm recommended ($\text{Ø}22.3_0^{+0.4}$) / Ø0.89 in. recommended ($\text{Ø}0.88_0^{+0.016}$)

With Protective Guard



(1) Ø22.5 mm recommended ($\text{Ø}22.3_0^{+0.4}$) / Ø0.89 in. recommended ($\text{Ø}0.88_0^{+0.016}$)

Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2

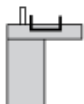


Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

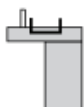


Electrical Composition Corresponding to Code C15

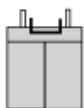
1 N/O



1 N/C



1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C



Legend

Single contact



Double contact



Light block



Possible location

