# Product data sheet
## Characteristics

# ZB4BC580
pushbutton head for harsh environment - yellow - without marking

Green Premium Product

## 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 | 0.87 in (22 mm) |
| Sale per indivisible quantity | 1 |

## Complementary

| | |
|---|---|
| CAD overall width | 1.46 in (37 mm) |
| CAD overall height | 0.73 in (18.5 mm) |
| CAD overall depth | 1.46 in (37 mm) |
| Net Weight | 0.08 lb(US) (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 | Yellow 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 |
| Cap/operator or lens colour | Yellow |
| 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…185 °F (-40…85 °C) |
| Ambient air temperature for operation | -40…158 °F (-40…70 °C) |
| IP degree of protection | IP66 conforming to IEC 60529 IP69K IP67 IP69 |
| NEMA degree of protection | NEMA 4 UL 508 NEMA 13 NEMA 12 |
| Resistance to high pressure washer | 0.01 psi (90 Pa) 180 °F (82.5 °C) |
| IK degree of protection | IK06 IEC 62262 |

| Standards | IEC 60947-1 |
| --- | --- |
| | IEC 60947-5-1 |
| | CSA C22.2 |
| | UL 508 |
| Product certifications | CE |
| | CSA |
| | UL |

## Ordering and shipping details

| Category | 22468 - PUSHBUTTONS,22MM(METAL) NEW |
| --- | --- |
| Discount Schedule | CS2 |
| GTIN | 00785901847076 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.07 lb(US) (0.03 kg) |
| Returnability | No |
| Country of origin | FR |

## Packing Units

| Unit Type of Package 1 | PCE |
| --- | --- |
| Package 1 Height | 1.48 in (3.76 cm) |
| Package 1 width | 1.46 in (3.7 cm) |
| Package 1 Length | 1.46 in (3.7 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 |
| --- | --- |

Life Is On Schneider Electric

## Dimensions

mm / in.

37
1.46

Ø 37
Ø 1.46
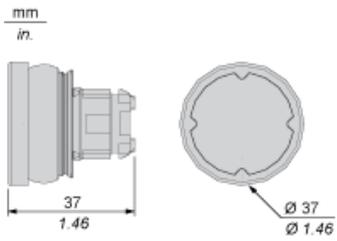
## Installation on Flat Surface

### Without Protective Guard

$\dfrac{mm}{in.}$
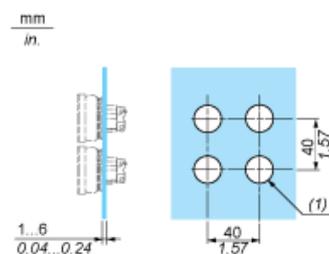


(1)  Ø22.5 mm recommended (Ø22.3 $_0$ $^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 $_0$ $^{+0.016}$)

### With Protective Guard

$\dfrac{mm}{in.}$
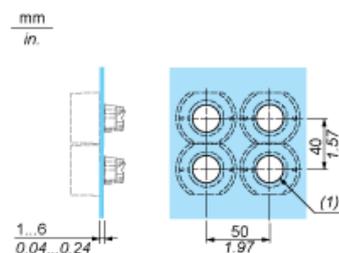


(1)  Ø22.5 mm recommended (Ø22.3 $_0$ $^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 $_0$ $^{+0.016}$)

## 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
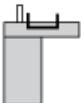
1 N/C

1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C
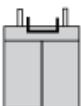
## Legend

Single contact

Double contact

Light block

Possible location