

## ZB4BC480

pushbutton head for harsh environment - red - 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 |
| Mounting diameter             | 22 mm                 |
| Sale per indivisible quantity | 1                     |

### Complementary

|  |  |
|--|--|
| CAD overall width                          | 37 mm  |
| CAD overall height                         | 18.5 mm  |
| CAD overall depth                          | 37 mm  |
| Product weight                             | 0.036 kg   |
| Class of protection against electric shock | Class I conforming to IEC 61140  |
| Shape of signaling unit head               | Round  |
| Type of operator                           | Spring return  |
| Operator profile                           | Flush red unmarked   |
| Operator additional information            | Vertical mounting<br>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                | Red  |
| Marking                                    | Unmarked   |
| Electrical composition code                | C1 for <= 9 contacts using single blocks in front mounting<br>C2 for <= 9 contacts using single and double blocks in front mounting<br>C11 for <= 3 contacts using single blocks in front mounting<br>C15 for 1 contacts using single blocks in front mounting |

### Environment

|                                       |  |
|---------------------------------------|--|
| ambient air temperature for storage   | -40...85 °C  |
| ambient air temperature for operation | -40...70 °C  |
| IP degree of protection               | IP67<br>IP66 conforming to IEC 60529<br>IP69K<br>IP69                            |
| NEMA degree of protection             | NEMA 12<br>NEMA 13<br>NEMA 4 conforming to UL 508<br>NEMA 4 conforming to UL 508 |
| resistance to high pressure washer    | 90 Pa at 82.5 °C   |
| IK degree of protection               | IK06 conforming to IEC 62262   |
| standards                             | IEC 60947-1<br>IEC 60947-5-1   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

product certifications

CE  
CSA  
UL

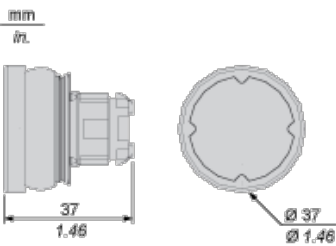
## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1119 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Need no specific recycling operations                                 |

## Contractual warranty

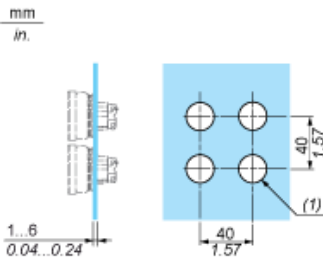
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Dimensions



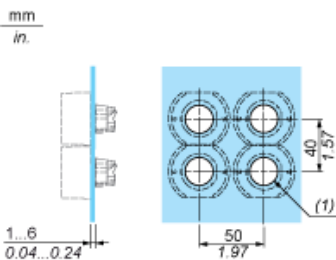
## Installation on Flat Surface

### Without Protective Guard



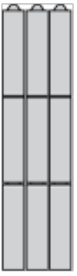
(1)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3_{0}^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88_{0}^{+0.016}$ )

### With Protective Guard

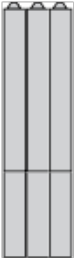


(1)  $\varnothing 22.5$  mm recommended ( $\varnothing 22.3_{0}^{+0.4}$ ) /  $\varnothing 0.89$  in. recommended ( $\varnothing 0.88_{0}^{+0.016}$ )

## Electrical Composition Corresponding to Code C1



**Electrical Composition Corresponding to Code C2**

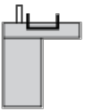


**Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1**



**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

