

# Product data sheet

Specifications



Head for push button, Harmony  
XB5, harsh environment, red,  
22mm, spring return, unmarked

ZB5AC480

## Main

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Range of product                | Harmony XB5                              |
| Product or component type       | Head for push-button                     |
| Device short name               | ZB5                                      |
| Bezel material                  | Black plastic                            |
| Head type                       | Standard                                 |
| Mounting diameter               | 22 mm                                    |
| Sale per indivisible quantity   | 1                                        |
| Shape of signaling unit head    | Round                                    |
| Type of operator                | spring return                            |
| Operator additional information | Vertical mounting<br>Horizontal mounting |

## Complementary

|                                    |                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                  | 37 mm                                                                                                                                                                                                                                                                                                                                                                              |
| CAD overall height                 | 18.5 mm                                                                                                                                                                                                                                                                                                                                                                            |
| CAD overall depth                  | 37 mm                                                                                                                                                                                                                                                                                                                                                                              |
| Product weight                     | 0.024 kg                                                                                                                                                                                                                                                                                                                                                                           |
| Resistance to high pressure washer | 90 Pa at 82.5 °C                                                                                                                                                                                                                                                                                                                                                                   |
| Operator profile                   | Red flush, unmarked                                                                                                                                                                                                                                                                                                                                                                |
| Mechanical durability              | 10000000 cycles                                                                                                                                                                                                                                                                                                                                                                    |
| 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<br>SF1 for <3 contacts using single blocks in front mounting<br>SR1 for <3 contacts using single blocks in rear mounting |
| Device presentation                | Basic element                                                                                                                                                                                                                                                                                                                                                                      |

## Environment

|                                       |                                               |
|---------------------------------------|-----------------------------------------------|
| Ambient air temperature for storage   | -40...85 °C                                   |
| Ambient air temperature for operation | -40...70 °C                                   |
| Electrical shock protection class     | Class II conforming to IEC 61140              |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP69K<br>IP67 |

Disclaimer: 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

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Enclosure Type          | UL type 4/13                                                                          |
| IK degree of protection | IK03 conforming to IEC 62262                                                          |
| Standards               | IEC 60947-5-1<br>UL 508<br>IEC 60947-1<br>CSA C22.2                                   |
| Product certifications  | CE<br>UL<br>CSA                                                                       |
| 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 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 3.800 cm  |
| Package 1 Width              | 3.700 cm  |
| Package 1 Length             | 3.700 cm  |
| Package 1 Weight             | 24.000 g  |
| Unit Type of Package 2       | S02       |
| Number of Units in Package 2 | 100       |
| Package 2 Height             | 15.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 2.687 kg  |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 0.2 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.2 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0 kg CO2 eq.                                  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                          |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                           |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                    |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                                  |
| California proposition 65              | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



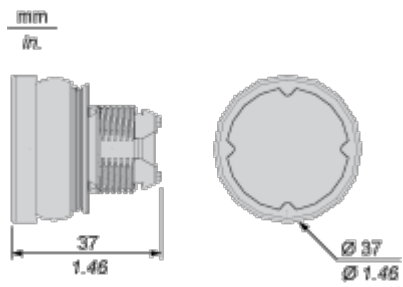
### Repack and remanufacture

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Recyclability potential, in %   | 0                                       |
| End of life manual availability | <a href="#">End of Life Information</a> |
| Take-back                       | No                                      |

Dimensions Drawings

Dimensions

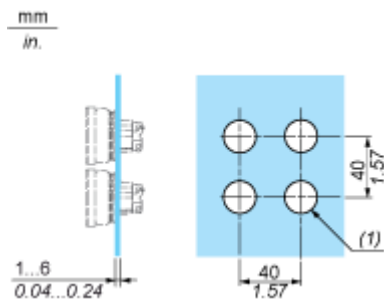
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Mounting and Clearance

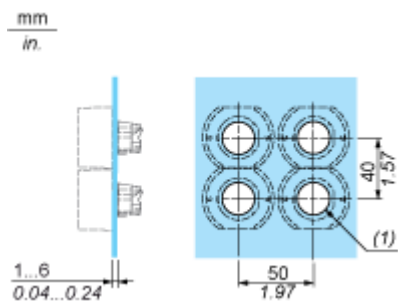
Installation on Flat Surface

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 ( $\varnothing 0.88_0^{+0.016}$ )

Technical Description

Electrical Composition Corresponding to Code C1

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Electrical Composition Corresponding to Code C2

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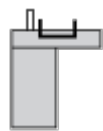
Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



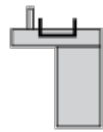
Electrical Composition Corresponding to Code C15

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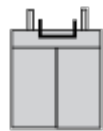
1 N/O



1 N/C



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



Legend

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Single contact



Double contact



Light block



Possible location



Technical Illustration

Dimensions

