

# Product data sheet

Specifications



Head for push button, Harmony XB4, push button harsh environment, black, with marking type H014

ZB4BC28014

Product availability: Non-Stock - Not normally stocked in distribution facility

## 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             | 0.9 in (22.5 mm)      |
| Sale per indivisible quantity | 1                     |
| Cap/operator or lens colour   | Black                 |

## Complementary

|                                   |                                                                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| CAD overall width                 | 1.5 in (37 mm)                                                                                                                    |
| CAD overall height                | 0.7 in (18.5 mm)                                                                                                                  |
| CAD overall depth                 | 1.5 in (37 mm)                                                                                                                    |
| Product Weight                    | 0.079 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                  | Black flush, type H014 white)                                                                                                     |
| Operator additional information   | Vertical mounting                                                                                                                 |
| Mechanical durability             | 10000000 cycles                                                                                                                   |
| Vibration resistance              | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6                                                                                  |
| Shock resistance                  | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27                                                                           |
| Main group                        | Harsh environment                                                                                                                 |
| Group of product                  | Flush marked type H014                                                                                                            |
| Marking                           | Type H014                                                                                                                         |
| Colour of marking                 | White                                                                                                                             |
| Electrical composition code       | C1 9 single front mounting<br>C2 9 single and double front mounting<br>C11 3 single front mounting<br>C15 1 single front mounting |

## Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                                       |                                                     |
|---------------------------------------|-----------------------------------------------------|
| 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 IEC 60529<br>IP69K<br>IP67<br>IP69             |
| Enclosure Type                        | UL type 4/13                                        |
| Resistance to high pressure washer    | 0.01 psi (90 Pa) 180 °F (82.5 °C)                   |
| IK degree of protection               | IK06 conforming to IEC 62262                        |
| Standards                             | IEC 60947-1<br>CSA C22.2<br>UL 508<br>IEC 60947-5-1 |
| Product Certifications                | UL<br>CE<br>CSA                                     |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CS222468  |
| Discount Schedule | 0CS2          |
| GTIN              | 3606480444180 |
| Returnability     | Yes           |
| Country of origin | FR            |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Nbr. of units in pkg.        | 1                         |
| Package 1 Height             | 1.457 in (3.700 cm)       |
| Package 1 Width              | 1.457 in (3.700 cm)       |
| Package 1 Length             | 1.496 in (3.800 cm)       |
| Package weight(Lbs)          | 1.199 oz (34.000 g)       |
| Unit Type of Package 2       | S02                       |
| Number of Units in Package 2 | 60                        |
| Package 2 Height             | 5.9 in (15 cm)            |
| Package 2 Width              | 11.8 in (30 cm)           |
| Package 2 Length             | 15.7 in (40 cm)           |
| Package 2 Weight             | 5.049 lb(US) (2.290 kg)   |
| Unit Type of Package 3       | P06                       |
| Number of Units in Package 3 | 960                       |
| Package 3 Height             | 29.528 in (75.000 cm)     |
| Package 3 Width              | 31.496 in (80.000 cm)     |
| Package 3 Length             | 23.622 in (60.000 cm)     |
| Package 3 Weight             | 98.414 lb(US) (44.640 kg) |

## Contractual warranty



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                                                                          | 0.3 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3]                                                    | 0.3 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                                                                                   | 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Use Longer

|  Lifetime extension |    |
|--------------------------------------------------------------------------------------------------------|----|
| Repair                                                                                                 | No |

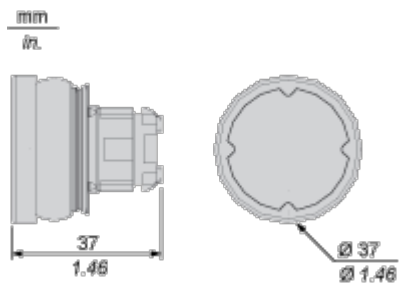
Use Again

|  Repack and remanufacture |                                         |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Circularity Profile                                                                                          | <a href="#">End of Life Information</a> |
| Take-back                                                                                                    | No                                      |

Dimensions Drawings

Dimensions

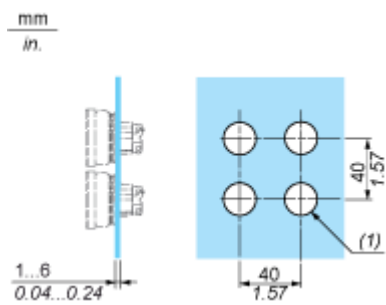
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Mounting and Clearance

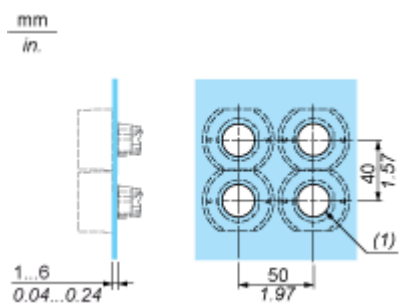
Installation on Flat Surface

Without Protective Guard



(1) 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 ( $\text{Ø}0.88_0^{+0.016}$ )

Technical Description

Marking Type H014

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Electrical Composition Corresponding to Code C1

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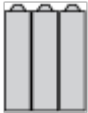


Electrical Composition Corresponding to Code C2

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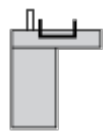
Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



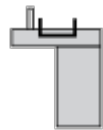
Electrical Composition Corresponding to Code C15

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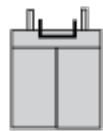
1 N/O



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

