

# Product data sheet

Specifications



Head for non illuminated push button, Harmony XB5, XB4, black flush pushbutton Ø22 mm spring return unmarked

ZB5APA2

## Main

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Range of product                | Harmony XB5                          |
| Product or component type       | Head for non-illuminated push-button |
| Device short name               | ZB5                                  |
| Product compatibility           | Not compatible with legend holder    |
| Bezel material                  | Dark grey plastic                    |
| Mounting diameter               | 22 mm                                |
| Head type                       | Standard                             |
| Sale per indivisible quantity   | 1                                    |
| Shape of signaling unit head    | Round                                |
| Type of operator                | spring return                        |
| Operator profile                | Black flush, unmarked                |
| Operator additional information | Clear boot                           |

## Complementary

|                       |                 |
|-----------------------|-----------------|
| CAD overall width     | 30 mm           |
| CAD overall height    | 30 mm           |
| CAD overall depth     | 37 mm           |
| Mechanical durability | 10000000 cycles |
| Device presentation   | Basic element   |

## Environment

|                                       |                                                                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                            |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                   |
| Ambient air temperature for operation | -40...70 °C                                                                                                                   |
| Overvoltage category                  | Class II conforming to IEC 60536                                                                                              |
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67 conforming to IEC 60529<br>IP69 conforming to IEC 60529<br>IP69K conforming to ISO 20653 |
| Enclosure Type                        | UL type 4X/13                                                                                                                 |
| Resistance to high pressure washer    | 7000000 Pa at 55 °C, distance : 0.1 m                                                                                         |
| IK degree of protection               | IK03 conforming to IEC 50102                                                                                                  |

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

|                        |                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards              | IEC 60947-1<br>IEC 60947-5-1<br>IEC 60947-5-4<br>UL 508<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>JIS C8201-1                                                                     |
| Product certifications | CSA<br>DNV<br>BV<br>LROS (Lloyds register of shipping)<br>UL listed                                                                                                            |
| Shock resistance       | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |
| Vibration resistance   | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6                                                                                                                               |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 4.5 cm   |
| Package 1 Width              | 3.4 cm   |
| Package 1 Length             | 5.4 cm   |
| Package 1 Weight             | 19 g     |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 5        |
| Package 2 Height             | 4.5 cm   |
| Package 2 Width              | 3.4 cm   |
| Package 2 Length             | 26.5 cm  |
| Package 2 Weight             | 98 g     |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 200      |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 4.404 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                       | 0.1 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.1 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.   |

## Use Better



### Materials and Substances

|                                                |                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Average percentage of recycled plastic content | 6 %                                                                                                                                                                                                                                                                                   |
| Average percentage of recycled metal content   | 29 %                                                                                                                                                                                                                                                                                  |
| Packaging made with recycled cardboard         | Yes                                                                                                                                                                                                                                                                                   |
| Packaging without single use plastic           | Yes                                                                                                                                                                                                                                                                                   |
| EU RoHS Directive                              | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                |
| REACH Regulation                               | <a href="#">Reference contains 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

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