

# Product datasheet

Specifications



Illuminated push button, Harmony XB5, plastic, blue flush, 22mm, universal LED, plain lens, 1NO+1NC, 24V AC DC, push in

XB5AW36B55

EAN Code: 3606486341315

## Main

|                                 |                                                                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                | Harmony XB5                                                                                                                                                                                |
| Product or component type       | Illuminated push-button                                                                                                                                                                    |
| Device short name               | XB5                                                                                                                                                                                        |
| Bezel material                  | Dark grey plastic                                                                                                                                                                          |
| Fixing collar material          | Plastic                                                                                                                                                                                    |
| Head type                       | Standard                                                                                                                                                                                   |
| Mounting diameter               | 22.5 mm                                                                                                                                                                                    |
| Sale per indivisible quantity   | 1                                                                                                                                                                                          |
| Shape of signaling unit head    | Round                                                                                                                                                                                      |
| Type of operator                | spring return                                                                                                                                                                              |
| Operator profile                | Blue flush, unmarked                                                                                                                                                                       |
| Operator additional information | With plain lens                                                                                                                                                                            |
| Contacts type and composition   | 1 NO + 1 NC                                                                                                                                                                                |
| Contact operation               | Slow-break                                                                                                                                                                                 |
| Connections - terminals         | Push-in, $\leq 2 \times 1.5 \text{ mm}^2$ with wire end ferrule conforming to IEC 60947-1<br>Push-in, $\geq 1 \times 0.34 \text{ mm}^2$ without wire end ferrule conforming to IEC 60947-1 |
| Light source                    | Universal LED                                                                                                                                                                              |
| Bulb base                       | Integral LED                                                                                                                                                                               |
| [Us] rated supply voltage       | 24 V AC/DC 50/60 Hz                                                                                                                                                                        |
| Cap/operator or lens colour     | Blue                                                                                                                                                                                       |

## Complementary

|                                    |                                             |
|------------------------------------|---------------------------------------------|
| Height                             | 42 mm                                       |
| Width                              | 30 mm                                       |
| Depth                              | 48.2 mm                                     |
| Terminals description ISO n°1      | (21-22)NC<br>(13-14)NO                      |
| Product weight                     | 0.048 kg                                    |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m       |
| Contacts usage                     | Standard contacts                           |
| Positive opening                   | With conforming to IEC 60947-5-1 appendix K |

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

|                                             |                                                                                                                                                                                                                                        |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating travel                            | 1.217 mm (NC changing electrical state)<br>2.05 mm (NO changing electrical state)<br>4.3 mm (total travel)                                                                                                                             |
| Operating force                             | 2.25 N NC changing electrical state<br>2.45 N NO changing electrical state                                                                                                                                                             |
| Mechanical durability                       | 10000000 cycles                                                                                                                                                                                                                        |
| Contacts material                           | Silver alloy (Ag/Ni)                                                                                                                                                                                                                   |
| Short-circuit protection                    | 10 A cartridge fuse type gG conforming to IEC 60947-5-1                                                                                                                                                                                |
| [Ith] conventional free air thermal current | 10 A conforming to IEC 60947-5-1                                                                                                                                                                                                       |
| [Ui] rated insulation voltage               | 300 V (pollution degree 3) conforming to IEC 60947-1                                                                                                                                                                                   |
| [Uimp] rated impulse withstand voltage      | 4 kV conforming to IEC 60947-1                                                                                                                                                                                                         |
| [Ie] rated operational current              | 6 A at 120 V, AC-15, A300 conforming to IEC 60947-5-1<br>3 A at 240 V, AC-15, A300 conforming to IEC 60947-5-1<br>0.55 A at 125 V, DC-13, Q300 conforming to IEC 60947-5-1<br>0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1 |
| Signalling type                             | Steady                                                                                                                                                                                                                                 |
| Supply voltage limits                       | 20.4...26.4 V DC<br>20.4...26.4 V AC                                                                                                                                                                                                   |
| Current consumption                         | 15 mA                                                                                                                                                                                                                                  |
| Service life                                | 100000 h at rated voltage and 25 °C                                                                                                                                                                                                    |
| Surge withstand                             | 1 kV conforming to IEC 61000-4-5                                                                                                                                                                                                       |
| Device presentation                         | Complete product                                                                                                                                                                                                                       |

## 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<br>IP69<br>IP69K                                                                                                                                                                                   |
| Enclosure Type                        | UL type 4X/13                                                                                                                                                                                                                           |
| IK degree of protection               | IK05 conforming to IEC 50102                                                                                                                                                                                                            |
| Standards                             | IEC 60947-1<br>IEC 60947-5-1<br>IEC 60947-5-4<br>IEC 60947-5-5<br>UL 60947-1<br>UL 60947-5-1<br>UL 60947-5-5<br>UL 1059<br>UL 486E<br>CSA C22.2 No 60947-1<br>CSA C22.2 No 60947-5-1<br>CSA C22.2 No 158<br>CSA C22.2 No 65<br>IACS E10 |
| Product certifications                | EAC<br>IECEE CB Scheme<br>CCC<br>UL<br>CSA                                                                                                                                                                                              |

|                                       |                                                                                                                                                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration resistance                  | 5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6<br>25 mm peak to peak (f= 2...10 Hz) conforming to IEC 60068-2-6                                                                                                                                                  |
| Shock resistance                      | 25 gn (duration = 6 ms) for 1000 shocks on each axis conforming to IEC 60068-2-27<br>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 |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4                                                                                                                                                                                                                                    |
| Resistance to electromagnetic fields  | 10 V/m conforming to IEC 61000-4-3                                                                                                                                                                                                                                  |
| Resistance to electrostatic discharge | 4 kV on contact (on metal parts) conforming to IEC 61000-4-2<br>8 kV in free air (in insulating parts) conforming to IEC 61000-4-2                                                                                                                                  |
| Electromagnetic emission              | Class B conforming to IEC 55011                                                                                                                                                                                                                                     |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 3.400 cm |
| Package 1 Width              | 5.300 cm |
| Package 1 Length             | 9.200 cm |
| Package 1 Weight             | 40.000 g |

## 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                       | 8 kg CO2 eq.                                  |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.4 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]     | 8 kg CO2 eq.                                  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                     |
| Packaging without single use plastic   | No                                                                                     |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

## Use Longer



### Lifetime extension

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

## Use Again

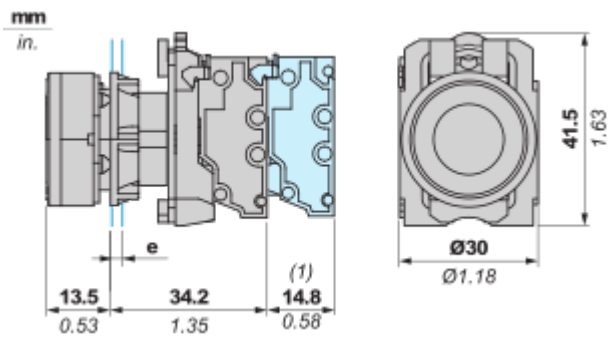


### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                       | No                                                                                                                                                                                                              |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions Drawings

Dimensions

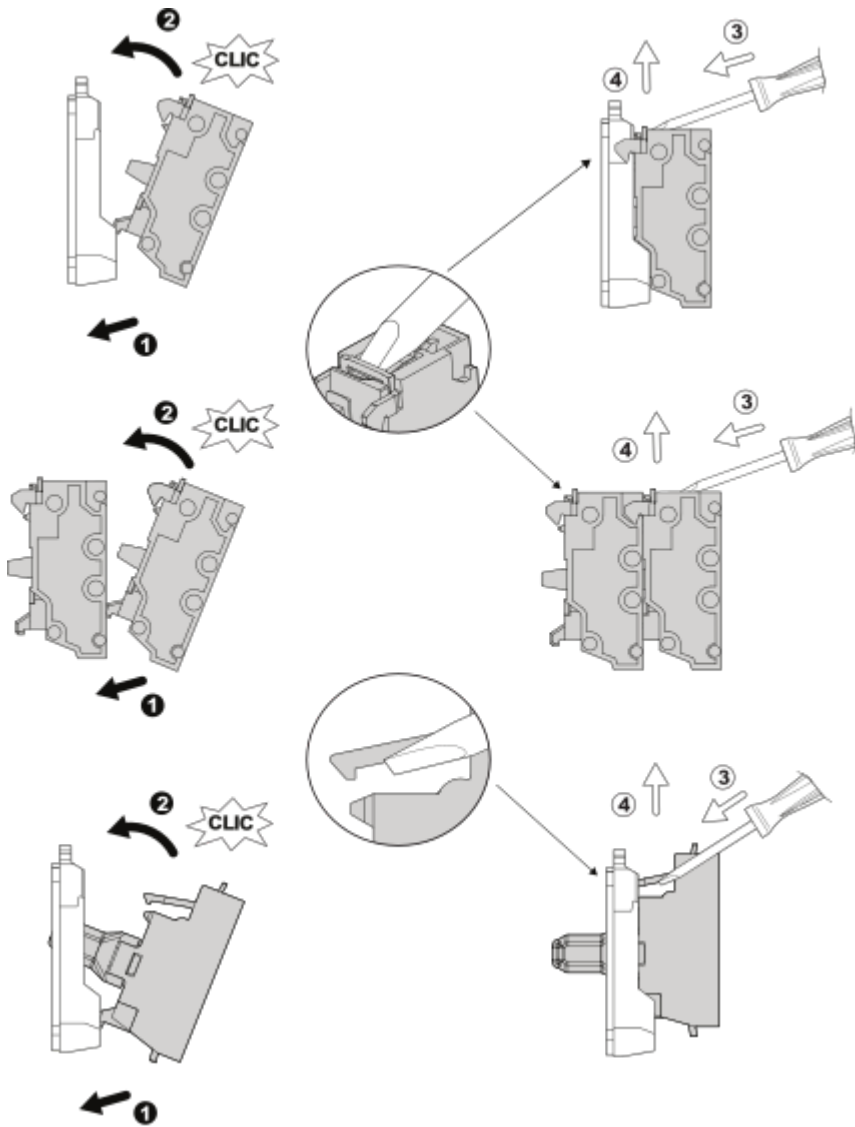


**e** : Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.  
**(1)** : Additional row of contacts or double contact

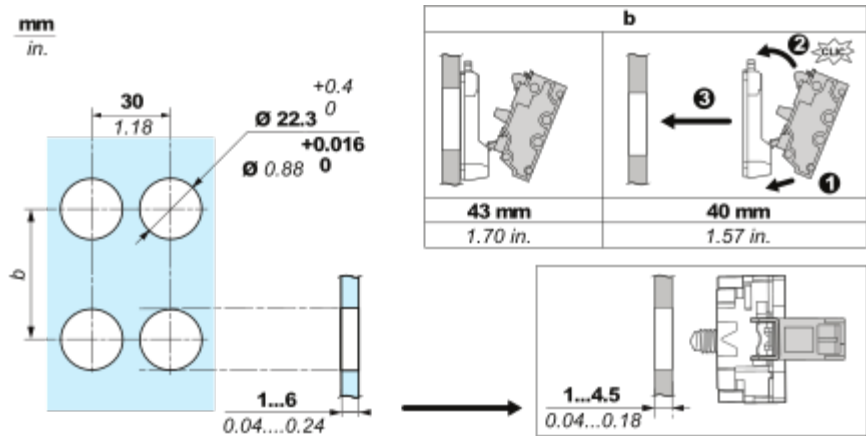
Mounting and Clearance

Mounting

Mounting and Unmounting



Panel cut-out Dimension



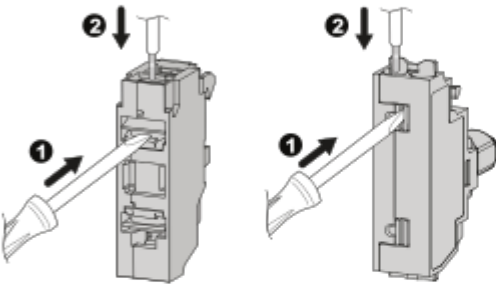
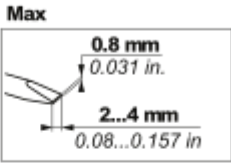
Connections and Schema

Wiring

Wiring and Unwiring



|     |            |
|-----|------------|
| mm  | 8          |
| in. | 0.32       |
| mm² | 0.34...1.5 |
| AWG | 22...16    |



|     |            |          |            |
|-----|------------|----------|------------|
| mm  | 8          | 8        | 8          |
| in. | 0.32       | 0.32     | 0.32       |
| mm² | 0.34...1.5 | 0.34...1 | 0.34...1.5 |
| AWG | 22...16    | 22...18  | 22...16    |

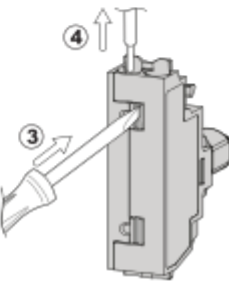
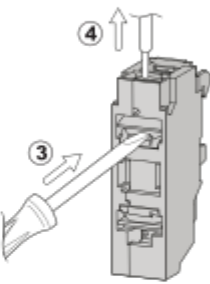
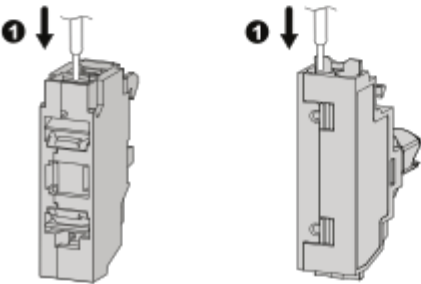
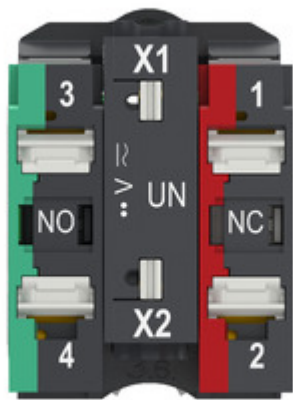


Image of product / Alternate images

Alternative

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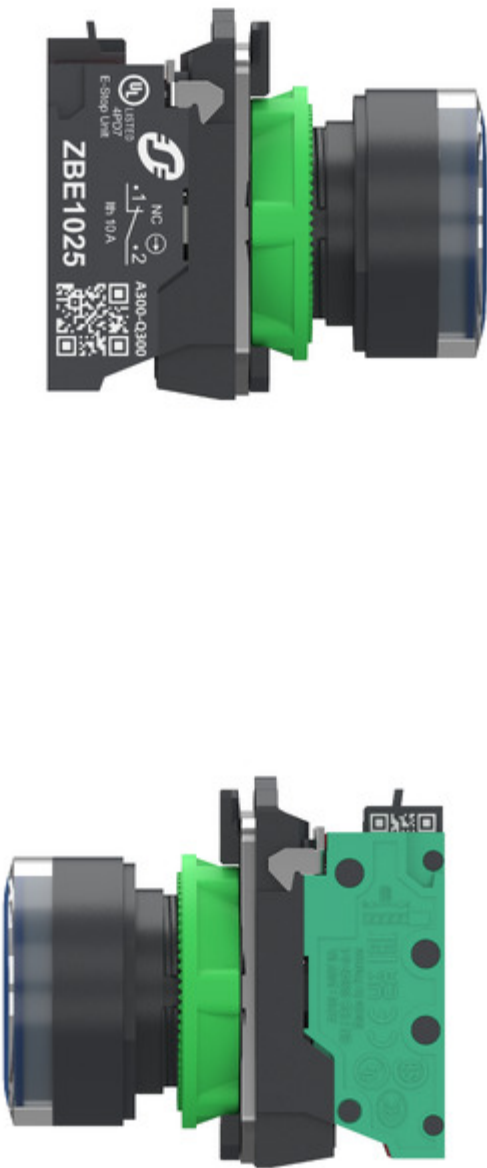


Image of product in real life situation

