

# Product data sheet

Specifications



Manual overload reset push button,  
Harmony XB5, red projecting,  
22mm, for 17...120 mm actuation  
distance

XB5AL84101

## Main

|                              |                                   |
|------------------------------|-----------------------------------|
| Range of product             | Harmony XB5                       |
| Product or component type    | Manual overload reset push-button |
| Device short name            | XB5                               |
| Bezel material               | Dark grey plastic                 |
| Fixing collar material       | Plastic                           |
| Head type                    | Standard                          |
| Mounting diameter            | 22 mm                             |
| Shape of signaling unit head | Round                             |
| Operator profile             | Red projecting, O (white)         |
| Activating distance          | 17...120 mm                       |
| Device presentation          | Complete product                  |

## Complementary

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Height                             | 29 mm                                 |
| Width                              | 29 mm                                 |
| Depth                              | 120 mm                                |
| Product weight                     | 0.027 kg                              |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| Operating travel                   | 10 mm                                 |

## Environment

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Protective treatment                  | TH                               |
| Ambient air temperature for storage   | -40...70 °C                      |
| Ambient air temperature for operation | -40...70 °C                      |
| Electrical shock protection class     | Class II conforming to IEC 60536 |
| IP degree of protection               | IP66 conforming to IEC 60529     |
| Enclosure Type                        | UL type 4X                       |
| IK degree of protection               | IK03 conforming to IEC 50102     |
| Standards                             | IEC 60947-1                      |
| Product certifications                | UL listed                        |

## Packing Units

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

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 4.500 cm  |
| Package 1 Width              | 5.500 cm  |
| Package 1 Length             | 13.400 cm |
| Package 1 Weight             | 39.000 g  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 80        |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 3.615 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                       | 0.4 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]   | 0.1 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   | Yes                                                                                                                                                                                                                                                                                                |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                          |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                             |
| California proposition 65              | <b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and 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                |
| Product repair index | <a href="#">A</a> |

## Use Again

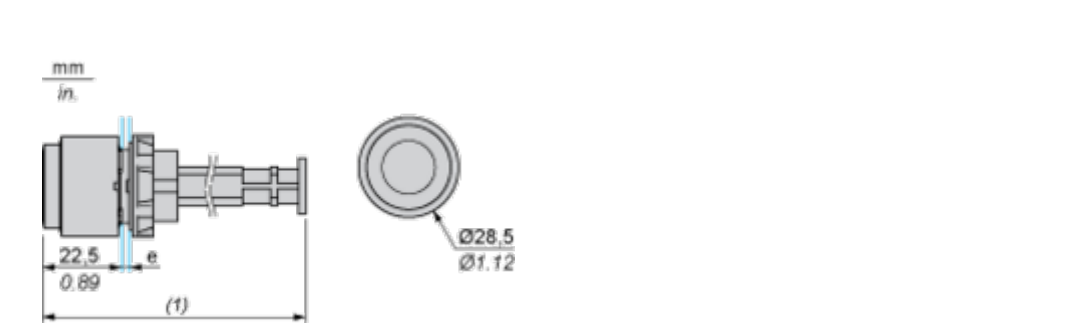


### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 29                                                                                                                                                                                                              |
| 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



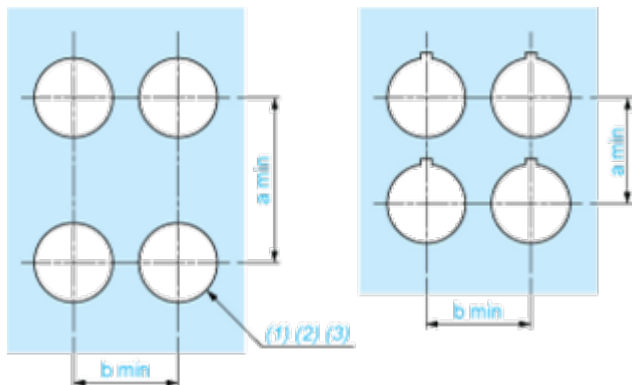
e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.  
(1) Actuation distance: see table below

|          | Actuation distance in mm | Actuation distance in in. |
|----------|--------------------------|---------------------------|
| XB5AL801 | 41 to 150                | 1.61 to 5.91              |
| XB5AL802 | 150 to 260               | 5.91 to 10.24             |

Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

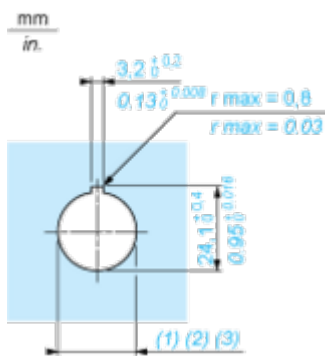
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|-----------------------------------------------|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 30      | 1.18     |
| By Faston connectors                          | 45      | 1.77     | 32      | 1.26     |
| On printed circuit board                      | 30      | 1.18     | 30      | 1.18     |

Detail of Lug Recess



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended ( $\text{Ø}22.3 \text{ }_0^{+0.4}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in. }_0^{+0.016}$ )