

# Product datasheet

Specifications



Harmony XB5. Pushs button reset for 120...257 mm actuation distance. plastic. flush. blue. Ø22. marked R

XB5AA86202

Price: 349.29 ZAR

## 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 Diamete             | 22 mm                             |
| Shape Of Signaling Unit Head | Round                             |
| Operator Profile             | Blue flush, R (white)             |
| Activating Distance          | 120...257 mm                      |
| Device Presentation          | Complete product                  |

## Complementary

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Height                             | 29 mm                                 |
| Width                              | 29 mm                                 |
| Depth                              | 257 mm                                |
| Net Weight                         | 0.04 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     |
| Nema Degree Of Protection             | NEMA 4X                          |
| Ik Degree Of Protection               | IK03 conforming to IEC 50102     |
| Standards                             | IEC 60947-1                      |
| Product Certifications                | UL listed                        |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 4.400 cm  |
| Package 1 Width              | 13.000 cm |
| Package 1 Length             | 5.300 cm  |
| Package 1 Weight             | 51.000 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             | 4.600 kg  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

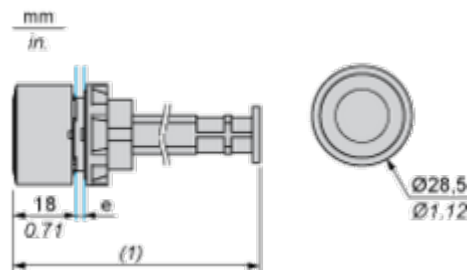
|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

## Certifications & Standards

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                           |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a>                                                                                      |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                     |

Dimensions Drawings

Dimensions



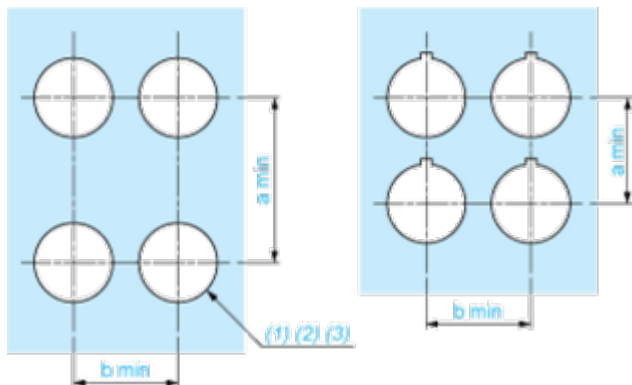
e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.  
(1) Actuation distance: see table below

|          | Actuation distance in mm | Actuation distance in in. |
|----------|--------------------------|---------------------------|
| XB5AA801 | 36 to 145                | 1.42 to 5.71              |
| XB5AA802 | 145 to 255               | 5.71 to 10.04             |

Mounting and Clearance

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

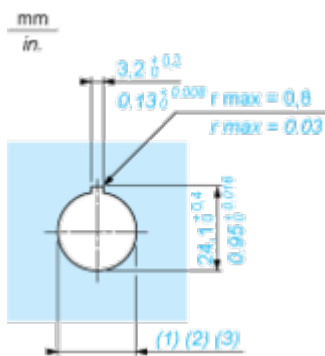
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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 ( $\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$ )

| 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 ( $\text{Ø}22.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ ) / Ø0.89 in. recommended ( $\text{Ø}0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$ )