

Product data sheet

Specifications



white complete pilot light Ø22 plain lens with BA9s bulb 110...120V

XB5AV31

⚠ Discontinued on: Jul 5, 2023

⚠ Discontinued

Main

| | |
|---------------------------------|-------------------------------------|
| Range Of Product | Harmony XB5 |
| Product Or Component Type | Pilot light |
| Device Short Name | XB5 |
| Bezel Material | Dark grey plastic |
| Fixing Collar Material | Plastic |
| Head Type | Standard |
| Mounting Diameter | 22 mm |
| Sale Per Indivisible Quantity | 1 |
| Shape Of Signaling Unit Head | Round |
| Cap/Operator Or Lens Colour | White |
| Operator Additional Information | With plain lens |
| Light Source | Incandescent |
| Bulb Base | BA 9s |
| Light Block Supply | Via integral transformer 1.2 VA 6 V |
| Light Source Colour | White |
| [Us] Rated Supply Voltage | 110...120 V AC at 50/60 Hz |
| [Us] Rated Supply Voltage | 110...120 V AC 50/60 Hz |

Complementary

| | |
|--|---|
| Height | 42 mm |
| Width | 30 mm |
| Depth | 55 mm |
| Terminals Description Iso N°1 | (X1-X2)PL |
| Net Weight | 0.109 kg |
| Resistance To High Pressure Washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| Connections - Terminals | Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 0.22...2 x 2.5 mm² without cable end conforming to IEC 60947-1 |
| [Ui] Rated Insulation Voltage | 600 V (pollution degree 3) conforming to IEC 60947-1 |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV conforming to IEC 60947-1 |
| Signalling Type | Steady |

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

| | |
|---------------------|------------------|
| Device Presentation | Complete product |
|---------------------|------------------|

Environment

| | |
|---------------------------------------|--|
| Protective Treatment | TH |
| Ambient Air Temperature For Storage | -40...70 °C |
| Ambient Air Temperature For Operation | -40...55 °C |
| Electrical Shock Protection Class | Class II conforming to IEC 60536 |
| Overvoltage Category | Class II conforming to IEC 60536 |
| Ip Degree Of Protection | IP66 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69 conforming to IEC 60529 IP69K conforming to ISO 20653 |
| Nema Degree Of Protection | NEMA 13 NEMA 4X |
| Ik Degree Of Protection | IK05 conforming to IEC 50102 |
| Standards | CSA C22.2 No 14 IEC 60947-5-4 JIS C8201-5-1 IEC 60947-5-1 IEC 60947-1 UL 508 JIS C8201-1 |
| Product Certifications | UL listed CSA |
| Vibration Resistance | 5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6 |
| Shock Resistance | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

Packing Units

| | |
|------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 12.8 cm |
| Package 1 Width | 3.4 cm |
| Package 1 Length | 4.8 cm |
| Package 1 Weight | 109.0 g |

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-CO₂ 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

✓ Mercury Free

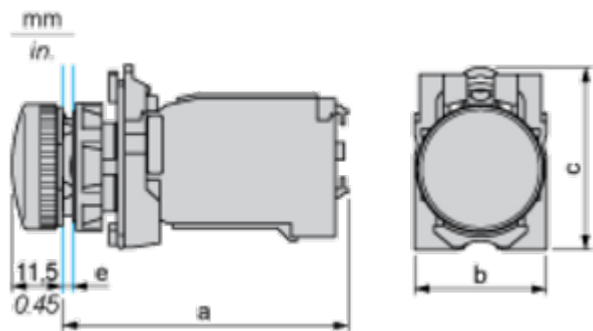
✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

| | |
|---------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |
| California Proposition 65 | WARNING: 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 www.P65Warnings.ca.gov |

Dimensions Drawings

Dimensions



- e: clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.
- a: 43 mm / 1.69 in.
- b: 30 mm / 1.18 in.
- c: 41.5 mm / 1.63 in.

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 ($\text{Ø}0.88 \text{ in.} \begin{smallmatrix} +0.016 \\ 0 \end{smallmatrix}$)