

Product data sheet

Specifications



Light block with body fixing collar, Harmony XB5, plastic, for BA9s bulb, It 250V

ZB5AV6

Main

| | |
|-------------------------------|--|
| Range of product | Harmony XB5 |
| Product or component type | Complete body/light block assembly |
| Device short name | ZB5 |
| Fixing collar material | Plastic |
| Sale per indivisible quantity | 1 |
| Connections - terminals | Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm ² without cable end conforming to IEC 60947-1 |
| Light source | Bulb not included |
| Bulb base | BA 9s |
| Light block supply | Direct <2.4 W |

Complementary

| | |
|---|---|
| CAD overall width | 30 mm |
| CAD overall height | 42 mm |
| CAD overall depth | 32 mm |
| Terminals description ISO n°1 | (X1-X2)PL |
| Product weight | 0.022 kg |
| Tightening torque | 0.8...1.2 N.m conforming to IEC 60947-1 |
| Shape of screw head | Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver |
| [Ui] rated insulation voltage | 600 V (pollution degree 3) conforming to IEC 60947-1 |
| [Uiimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 |
| Signalling type | Steady |
| [Us] rated supply voltage | <= 250 V |
| Device presentation | Basic sub-assemblies |

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 |

| | |
|-------------------------------|--|
| Standards | IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 IEC 60947-5-4 JIS C8201-5-1 UL 508 JIS C8201-1 |
| Product certifications | CSA DNV BV LROS (Lloyds register of shipping) UL listed |
| Vibration resistance | 5 gn (f= 2...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 | 4.500 cm |
| Package 1 Width | 3.400 cm |
| Package 1 Length | 5.400 cm |
| Package 1 Weight | 20.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 300 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 6.326 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 2400 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 61.500 kg |

Contractual warranty

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



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 | 32 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

Materials and Substances

| | |
|--|--|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| SCIP Number | E148b25a-d37b-4237-bc1f-74823046728d |
| 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 |

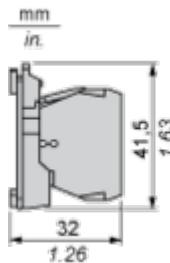
Use Again

Repack and remanufacture

| | |
|---------------------------------|---|
| End of life manual availability | End of Life Information |
| 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

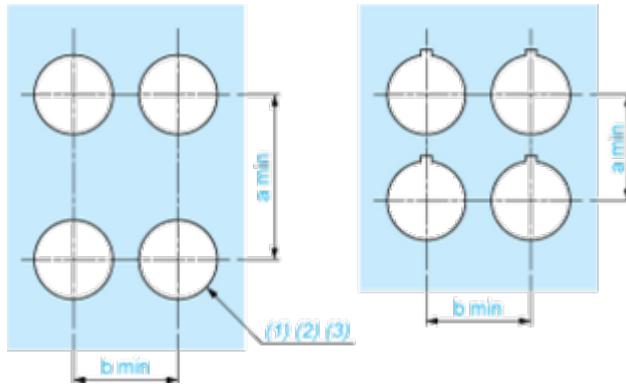
Dimensions



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



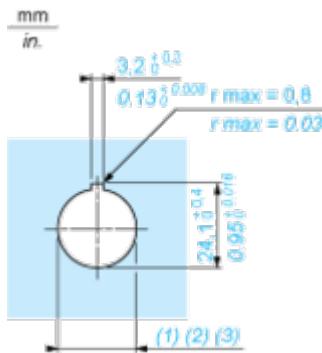
(1) Diameter on finished panel or support

(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.

(3) Ø22.5 mm recommended ($\varnothing 22.3^{+0.4}_0$) / Ø0.89 in. recommended ($\varnothing 0.88^{+0.016}_0$)

| 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



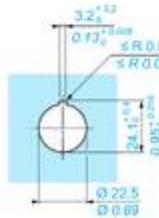
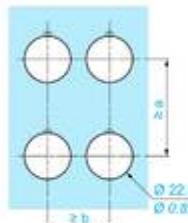
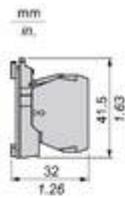
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(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.

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Technical Illustration

Dimensions



| | | a (mm) | a (in.) | b (mm) | b (in.) |
|-----------|-----------|--------|---------|--------|---------|
| ZBE***** | ZBV***** | 40 | 1.57 | 30 | 1.18 |
| ZBE*****4 | ZBV*****4 | 40 | 1.57 | 30 | 1.18 |
| ZBE*****3 | ZBV*****3 | 45 | 1.77 | 32 | 1.26 |
| ZBE70*** | ZBV**7 | 30 | 1.18 | 30 | 1.18 |
| ZBE*****9 | ZBV*****9 | 40 | 1.57 | 30 | 1.18 |
| ZBE*****5 | ZBV*****5 | 50 | 1.97 | 30 | 1.18 |
| ZBRT* | ZBRV1 | 40 | 1.57 | 30 | 1.18 |

Image of product / Alternate images

Alternative





