

Product data sheet

Specifications



Complete body light block assembly,
Harmony XB5, plastic, universal
LED, body fixing collar, 230...240V
AC

ZB5AVM1

Product availability: Non-Stock - Not normally stocked in distribution facility

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 IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm ² without cable end IEC 60947-1 |
| Light source | Universal LED |
| Bulb base | Integral LED |
| Light source colour | White |

Complementary

| | |
|---|---|
| CAD overall width | 1.2 in (30 mm) |
| CAD overall height | 1.7 in (42 mm) |
| CAD overall depth | 1.3 in (32 mm) |
| Terminals description ISO n°1 | (X1-X2)PL |
| Product Weight | 0.049 lb(US) (0.022 kg) |
| Tightening torque | 7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1 |
| Shape of screw head | Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm |
| [Ui] rated insulation voltage | 600 V 3)IEC 60947-1 |
| [Uiimp] rated impulse withstand voltage | 6 kV IEC 60947-1 |
| Signalling type | Steady |
| [Us] rated supply voltage | 230...240 V AC 50/60 Hz |
| Supply voltage limits | 195...264 V AC |
| Current Consumption | 14 mA |
| Service life | 100000 h at rated voltage and 25 °C |
| Surge withstand | 1 kV IEC 61000-4-5 |
| Device presentation | Basic sub-assemblies |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Environment

| | |
|---------------------------------------|--|
| Protective treatment | TH |
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Ambient Air Temperature for Operation | -40...158 °F (-40...70 °C) |
| Electrical shock protection class | Class II conforming to IEC 60536 |
| Standards | JIS C8201-5-1 IEC 60947-1 CSA C22.2 No 14 IEC 60947-5-4 IEC 60947-5-1 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 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |
| Resistance to fast transients | 2 kV IEC 61000-4-4 |
| Resistance to electromagnetic fields | 9.1 V/m (10 V/m) IEC 61000-4-3 |
| Resistance to electrostatic discharge | 6 kV on contact (on metal parts) IEC 61000-2-6 8 kV in free air (in insulating parts) IEC 61000-2-6 |
| Electromagnetic emission | Class B IEC 55011 |

Ordering and shipping details

| | |
|-------------------|---------------|
| Category | US10CS222469 |
| Discount Schedule | 0CS2 |
| GTIN | 3389110907957 |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 2.20 in (5.600 cm) |
| Package 1 Width | 1.34 in (3.400 cm) |
| Package 1 Length | 2.13 in (5.400 cm) |
| Package weight(Lbs) | 0.741 oz (21.000 g) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 200 |
| Package 2 Height | 11.81 in (30.000 cm) |
| Package 2 Width | 11.81 in (30.000 cm) |
| Package 2 Length | 15.75 in (40.000 cm) |
| Package 2 Weight | 10.009 lb(US) (4.540 kg) |
| Unit Type of Package 3 | P06 |

| | |
|-------------------------------------|----------------------------|
| Number of Units in Package 3 | 1600 |
| Package 3 Height | 29.53 in (75.000 cm) |
| Package 3 Width | 23.62 in (60.000 cm) |
| Package 3 Length | 31.50 in (80.000 cm) |
| Package 3 Weight | 110.152 lb(US) (49.964 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

| | |
|--|---|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 137 |
| 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 |

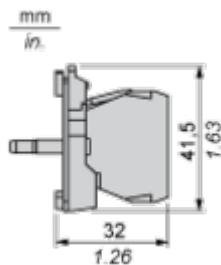
Use Again

Repack and remanufacture

| | |
|---------------------|--|
| Circularity Profile | 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

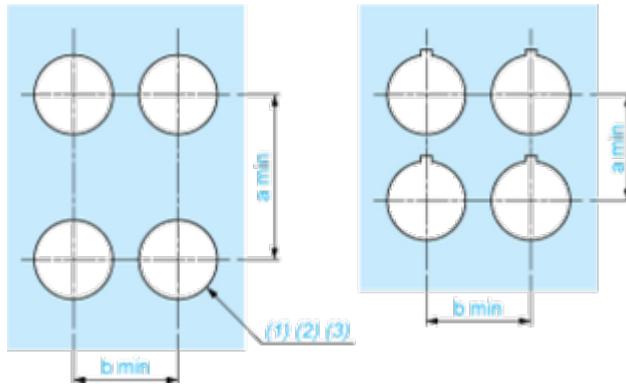
Dimensions



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



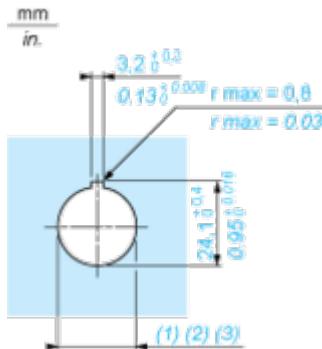
(1) Diameter on finished panel or support

(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



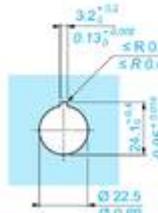
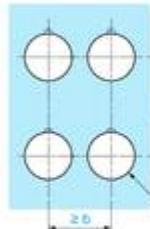
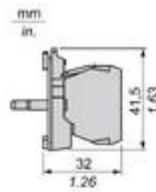
(1) Diameter on finished panel or support

(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 ($\varnothing 0.88^{+0.016}_0$)

Technical Illustration

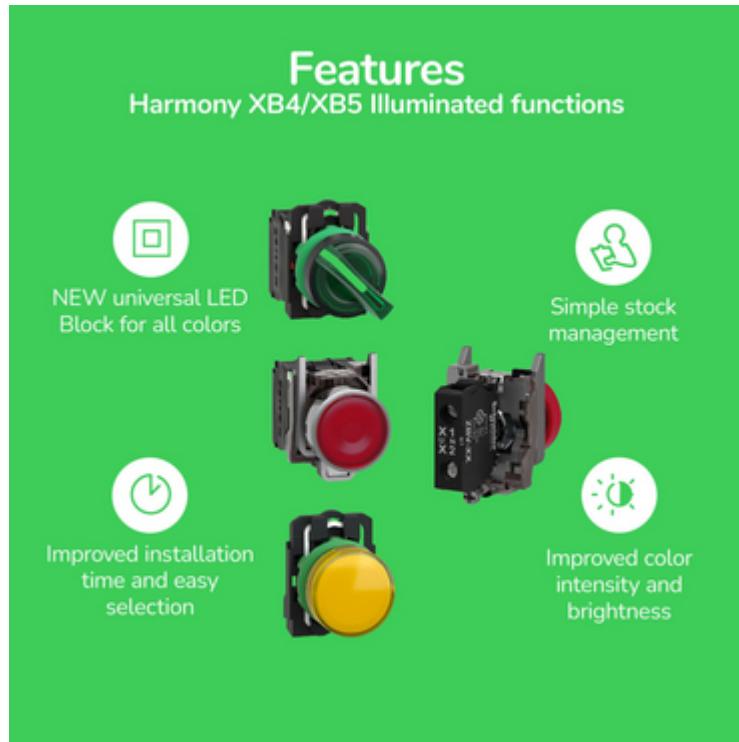
Dimensions



| | | 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* | ZBVR1 | 40 | 1.57 | 30 | 1.18 |

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals



Operating temperature from -40°C to 70°C

Up to IP66, 67, 69, 69K, and type 4X protection ratings



Shock protection level up to IK06

High vibration resistance with shake-proof terminal screws

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Image of product / Alternate images

Alternative





