

Product data sheet

Specifications



Complete body contact assembly, Harmony XB4, for push buttons or selector switches, single contact block with body fixing collar 1NC faston connector

ZB4BZ1023

Main

Range of product	Harmony XB4
Product or component type	Complete body/contact assembly
Device short name	ZB4
Fixing collar material	Zamak
Sale per indivisible quantity	1
Head type	Standard
Contacts type and composition	1 NC
Contact operation	Slow-break
Contact block type	Single
Device composition	Fixing collar Body
Connections - terminals	Faston connector, connection size: 1 x 6.35 mm Faston connector, connection size: 2 x 2.8 mm

Complementary

CAD overall width	30 mm
CAD overall height	47 mm
CAD overall depth	37 mm
Terminals description ISO n°1	(11-12)NC
Product weight	0.053 kg
Contacts usage	Standard contacts
Positive opening	With conforming to IEC 60947-5-1 appendix K
Operating travel	1.5 mm (NC changing electrical state) 4.3 mm (total travel)
Operating force	2 N NC changing electrical state
Mechanical durability	5000000 cycles
Contacts material	Silver alloy (Ag/Ni)
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to IEC 60947-1
Electrical durability	10000000 cycles
Electrical reliability	$\Delta < 10 \exp(-6)$ at 5 V, 1 mA in clean environment conforming to IEC 60947-5-4 $\Delta < 10 \exp(-8)$ at 17 V, 5 mA in clean environment conforming to IEC 60947-5-4

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...70 °C
IP degree of protection	IP20 conforming to IEC 60529
Standards	IEC 60947-5-4 UL 508 JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-5 IEC 60947-1 IEC 60947-5-1 JIS C8201-1
Product certifications	BV UL CSA DNV LRROS (Lloyds register of shipping)
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	5.4 cm
Package 1 Width	3.4 cm
Package 1 Length	4.4 cm
Package 1 Weight	52.0 g

Contractual warranty

Warranty	18 months
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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

1

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

California proposition 65

WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause 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

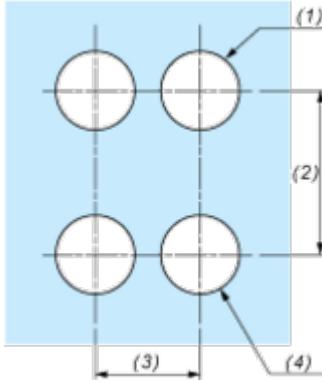
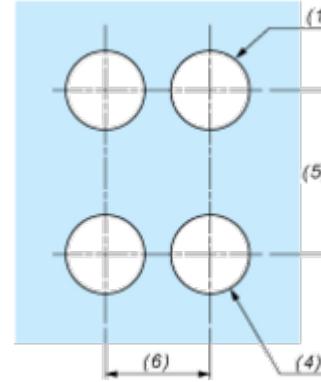
No

WEEE Label

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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	Connection by Faston Connectors
 <p>(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm ₀^{+0.4} / 0.88 in. ₀^{+0.016}) (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p>	 <p>(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm ₀^{+0.4} / 0.88 in. ₀^{+0.016}) (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p>