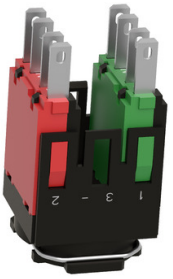
Product datasheet

Specifications



Complete body for push buttons or selector switches, Harmony XB6, single contact, with body fixing collar, faston connector, 1NO + 1NC

ZB6Z5B

Main

Range Of Product	Harmony XB6
Product Or Component Type	Complete body for push-buttons or selector switches
Device Short Name	ZB6
Fixing Collar Material	Plastic
Sale Per Indivisible Quantity	1
Contacts Type And Composition	1 NO + 1 NC
Contact Operation	Slow-break
Connections - Terminals	Faston connector Faston connector, connection size: 2.8 x 0.5 mm
[Us] Rated Supply Voltage	<= 250 V

Complementary

Cad Overall Width	18 mm
Cad Overall Height	18 mm
Cad Overall Depth	40 mm
Terminals Description Iso N°1	(11-12)NC
Net Weight	0.006 kg
Contacts Usage	Standard
Positive Opening	With conforming to IEC 60947-5-1 appendix K
Operating Travel	1 mm (NC changing electrical state) 2 mm (NO changing electrical state) 4.3 mm (total travel)
Operating Force	1.6 N NO changing electrical state 2.5 N NC changing electrical state
Contacts Material	Silver alloy (Ag/Ni)
Short-Circuit Protection	6 A cartridge fuse type gG conforming to IEC 60947-5-1
[Ie] Rated Operational Current	3 A at 120 V, AC-15, B300 1.5 A at 240 V, AC-15, B300 0.1 A at 250 V, DC-13, R300 0.22 A at 125 V, DC-13, R300
Electrical Durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Electrical Reliability	Λ = 10exp(-8) at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4

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

Environment

Protective Treatment	TC
Ambient Air Temperature For Storage	-40…70 °C
Ambient Air Temperature For Operation	-25…70 °C
Electrical Shock Protection Class	Class II conforming to IEC 61140
Ip Degree Of Protection	IP65 conforming to IEC 60529
Standards	JIS C 4520 IEC 60947-5-1 UL 508 CSA C22.2 No 14 IEC 60947-5-5 JIS C 852 IEC 60947-1
Product Certifications	GOST CSA UL CCC
Vibration Resistance	+/- 3 mm (f= 2…500 Hz) conforming to IEC 60068-2-6 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	2.5 cm
Package 1 Width	2.5 cm
Package 1 Length	4.0 cm
Package 1 Weight	10.0 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	100
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.176 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_2 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 >

RoHS/REACh

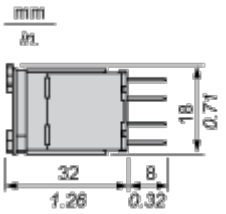
Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
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) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Body for Pushbutton, Selector Switch or Key Switch

Dimensions