Product data sheet

Specification





Transmitter for wireless and batteryless push button, Harmony XB5R, plastic, black, double action

ZBRT2

Product availability: Stock - Normally stocked in distribution facility

Price*: 110.00 USD

Main

Range Of Product	Harmony XB5
Product Or Component Type	Wireless and batteryless transmitter
Device Short Name	XB5R
Bezel Material	Plastic
Mounting Diamete	0.87 in (22 mm)
Transmission Frequency	2405 MHz
Emission Class	5M00G7W
Antenna Type	Omnidirectional

Complementary

Max Power Consumption In W	1 mW
Number Of Channels	16
Modulation Technique	O-QPSK
Bandwidth	5 MHz
Antenna Gain	0 dBi
Embedding Depth	1.65 in (42 mm)
Cad Overall Height	1.63 in (41.5 mm)
Cad Overall Width	1.18 in (30 mm)
Cad Overall Depth	1.69 in (43 mm)
Net Weight	0.06 lb(US) (0.025 kg)
Operating Travel	0.17 in (4.3 mm) total travel)
Operating Force	10 N C/O changing electrical state
Mechanical Robustness	Free fall resistance 1000 mm IEC 60068-2-32
Standards	CSA C22.2 No 14 IEC 60947-1 IEC 60947-5-1 UL 508
Radio Agreement	ANATEL ARIB T66 FCC ICASA RSS
Communication Port Protocol	Zigbee green power 2.4 GHz IEEE 802.15.4

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

Maximum Sensing Distance	328.08 ft (100 m) in free field 82.02 ft (25 m) transmitter in a plastic box type XAL D and receiver in a metal enclosure 984.25 ft (300 m) transmitter in box type XAL D, receiver in metal enclosure and use relay-antenna
Acquisition Time	2 ms
Response Time	< 2 ms
Fixing Mode	Fixing nut beneath head 17.7021.24 lbf.in (22.4 N.m)
Electrical Composition Code	PW1

Environment

Ambient Air Temperature For Storage	erature For -40158 °F (-4070 °C)	
Ambient Air Temperature For Operation	-40158 °F (-4070 °C)	
Relative Humidity	95 % -40158 °F (-4070 °C) without condensation	
Ip Degree Of Protection	IP30 IEC 60529 back face)	
Ik Degree Of Protection	IK03 conforming to IEC 50102	
Mechanical Durability	400000 cycles	
Shock Resistance	25 gn 6 ms) 6000 shocks IEC 60068-2-27 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27	
Vibration Resistance	5 gn 11500 Hz)IEC 60068-2-6 +/- 10 mm 211 Hz)IEC 60068-2-6	
Electromagnetic Compatibility	Electrostatic discharge immunity test - test level: 8 kV (in free air (in insulating parts)) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 4 kV (on contact (on metal parts)) conforming to IEC 61000-4-2 Susceptibility to electromagnetic fields - test level: 20 V/m (803000 MHz) conforming to IEC 61000-4-3 Susceptibility to electromagnetic fields - test level: 6 V/m (30006000 MHz, distance = 20 m) conforming to IEC 61000-4-3	
Product Certifications	CSA CCC UL GOST C-tick BT 2006/95/EC	
Directives	2004/108/EC - electromagnetic compatibility 1999/5/EC - R&TTE directive	

Ordering and shipping details

Category	US1000l22470	
Discount Schedule	0001	
Gtin	3606480659928	
Returnability	Yes	
Country Of Origin	FR	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.85 in (4.7 cm)
Package 1 Width	2.13 in (5.4 cm)

Package 1 Length	2.44 in (6.2 cm)
Package 1 Weight	1.20 oz (34.0 g)
Unit Type Of Package 2	S01
Number Of Units In Package 2	42
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	3.53 lb(US) (1.601 kg)

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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

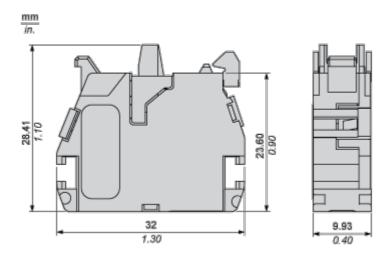
Ø	Rohs Exemption Information	Yes
⊘	Pvc Free	
⊘	Silicon Free	

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

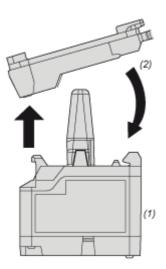
Dimensions Drawings



ZBRT2

Mounting and Clearance

Mounting of the Transmitter onto the Body Fixing Collar



(1): ZBRT1

(2): Body fixing collar