

Product data sheet

Characteristics

ZBRA1

Relay antenna - 24...240 V AC/DC - cable 5m - 1 power LED - 2 com LEDs

Product availability: Stock - Normally stocked in distribution facility
Price*: 170.00 USD



Main

Commercial Status	Commercialised
Range of product	Harmony XB5R
Product or component type	Wireless and batteryless range
Device short name	ZBRA
Product destination	For XB5R and XB4R Ø 22 mm control units
Control station application	Transceiver (emission and reception)
Colour of base of enclosure	Black RAL 9011
Colour of cover	Transparent
Material	Polycarbonate

Complementary

Communication port protocol	Zigbee green power at 2.4 GHz conforming to IEEE 802.15.4
Maximum sensing distance	300 m transmitter in box type XAL D, receiver in metal enclosure and use relay-antenna
Emission power	< 3 mW
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz - 10...10 %
Power consumption in W	<= 4 W AC/DC
Operating position	Vertical
Status LED	1 LED green for emission signal 1 LED green for power ON
Overvoltage category	III conforming to IEC 60664-1
Rated short-duration power frequency withstand voltage	4 kV 50 Hz conforming to EN/IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV
Electrical connection	2 conductors cable flexible with 16.4 ft (5 m) length, cross section: 0 in² (0.34 mm²) conforming to EN/IEC 60947-1
Tightening torque	5.31 lbf.in (0.6 N.m) conforming to EN/IEC 60947-1
Housing material	Self-extinguishing plastic
Short circuit protection	0.4 A fuse fast blow
Product weight	0.44 lb(US) (0.2 kg)

Environment

Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Relative humidity	90 % at -4...131 °F (-20...55 °C) without condensation conforming to EN 300-440-1
Class of protection against electric shock	Class II
IP degree of protection	IP65 conforming to IEC 60529 at 131 °F (55 °C), 0.1 m
Pollution degree	3 conforming to IEC 60664-1
IK degree of protection	IK03 conforming to EN 50102
Radio agreement	SRRC RSS ICASA, category 1 conforming to EN 300-440-1 FCC, category 2 conforming to EN 300-440-1 ARIB T66, class 2 conforming to EN 301-489-3 ANATEL, type III conforming to EN 301-489-3

Product certifications	CCC CE CSA C-Tick GOST UL BT 2006/95/EC EMC directive 2004/108/EC R&TTE directive 1999/5/EC
Vibration resistance	6 gn (f= 55...150 Hz) conforming to IEC 60068-2-6 +/-0.5 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	25 gn (duration = 6 ms) for 6000 shocks conforming to IEC 60068-2-27 15 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27
Insulation resistance	> 500 MOhm at 500 V DC conforming to NF C 20030
[Ui] rated insulation voltage	250 V conforming to IEC 60664-1
Electromagnetic compatibility	Radiated emission conforming to EN 300-440-2 Conducted emission conforming to EN 300-489-3 Conducted emission conforming to EN 300-489-1 Radiated emission conforming to EN 300-440-1 Immunity to microbreaks and voltage drops conforming to IEC 61000-4-11 Conducted RF disturbances (test level:10 V conforming to IEC 61000-4-6 1.2/50 µs shock waves immunity test (test level:2 kV - common mode) conforming to IEC 61000-4-5 1.2/50 µs shock waves immunity test (test level:1 kV - differential mode) conforming to IEC 61000-4-5 Electrical fast transient/burst immunity test (test level:2 kV conforming to IEC 61000-4-4 Susceptibility to electromagnetic fields (test level:3 V/m - 80...2700 MHz, distance = 20 m) conforming to IEC 61000-4-3 Susceptibility to electromagnetic fields (test level:10 V/m - 80...2000 MHz) conforming to IEC 61000-4-3 Electrostatic discharge immunity test (test level:6 kV - on contact (on metal parts)) conforming to IEC 61000-4-2 Electrostatic discharge immunity test (test level:8 kV - in free air (in insulating parts)) conforming to IEC 61000-4-2 Conducted and radiated emissions, class B conforming to CISPR 22 Immunity for industrial environments conforming to EN/IEC 61000-6-2

Ordering and shipping details

Category	22470 - XB5R WIRELESS PUSH BUTTON
Discount Schedule	I
GTIN	00785901461531
Nbr. of units in pkg.	1
Package weight(Lbs)	0.55
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	ID

Offer Sustainability

Sustainable offer status	Not Green Premium product
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Contractual warranty

Period	18 months
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