



Main

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| Range of Product | Harmony XB5R |
| Product or Component Type | Wireless and batteryless transmitter |
| Device short name | XB5R |
| Contact operation | 1 simple action push-button |
| Bezel material | Plastic |
| Fixing collar material | Plastic |
| Mounting diameter | 0.87 in (22 mm) |

Complementary

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| Kit composition | 1 handy box 1 transmitter 1 set of caps 1 push-button head 0.87 in (22 mm) 1 fixing collars |
| Shape of signaling unit head | Round |
| Type of operator | Spring return push-button with transmitter |
| Operator profile | Flush |
| Operator additional information | Set of caps |
| Net Weight | 0.33 lb(US) (0.15 kg) |
| Mechanical durability | 1000000 cycles |
| Operating travel | 0.17 in (4.3 mm) total travel) |
| Operating force | 25 N C/O changing electrical state |
| 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 |
| Mechanical robustness | Free fall resistance 1000 mm EN/IEC 60068-2-32 |
| Communication port protocol | Zigbee green power 2.4 GHz |
| Maximum sensing distance | 328.08 Ft (100 m) in free field 82.02 Ft (25 m) transmitter in the handy box and receiver in a metal enclosure 984.25 ft (300 m) transmitter in the handy box, receiver in metal enclosure and use relay-antenna |
| Acquisition time | 2 ms |
| Response time | < 2 ms |
| Emission Power | 3 mW |

Environment

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|---------------------------------------|---|
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| IP degree of protection | IP65 IEC 60529 front face) IP65 UL Type 12 front face) |
| IK degree of protection | IK03 IEC 50102 |
| Relative humidity | 95 % 158 °F (70 °C) without condensation |
| Vibration resistance | 5 gn 11...500 Hz)IEC 60068-2-6 +/- 10 mm 2...11 Hz)IEC 60068-2-6 |

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| Electromagnetic compatibility | Electrostatic discharge immunity test 8 kV in free air (in insulating parts)) IEC 61000-4-2 Electrostatic discharge immunity test 4 kV on contact (on metal parts)) IEC 61000-4-2 Susceptibility to electromagnetic fields 20 V/m 80...3000 MHz) IEC 61000-4-3 Susceptibility to electromagnetic fields 6 V/m 3000...6000 MHz, distance = 20 m) IEC 61000-4-3 |
| Radio agreement | RSS UL 508 ARIB T66 CSA C22.2 No 14 ICASA ANATEL FCC |
| Standards | EN/IEC 60947-1 UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 |
| Product Certifications | EAC BT 2006/95/EC C-tick UL CSA CCC |
| Directives | 1999/5/EC - R&TTE directive 2004/108/EC - electromagnetic compatibility |

Ordering and shipping details

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|-----------------------|-----------------------------------|
| Category | 22470 - XB5R WIRELESS PUSH BUTTON |
| Discount Schedule | I |
| GTIN | 3606480891076 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 6.60 oz (187 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.56 in (6.5 cm) |
| Package 1 width | 2.56 in (6.5 cm) |
| Package 1 Length | 6.42 in (16.3 cm) |

Offer Sustainability

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|----------------------------|---|
| 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 |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |

Dimensions

Wireless and Batteryless Pushbutton

Plastic Mobile Box for Mobile or Fix Use - 1 Function

