



### Main

Range of Product	Harmony XB5
Product or Component Type	Wireless and batteryless transmitter
Device short name	XB5R
Bezel material	Plastic
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
CAD overall height	5.67 in (144 mm)
CAD overall width	2.20 in (56 mm)
CAD overall depth	1.50 in (38 mm)
Net Weight	0.33 lb(US) (0.15 kg)
Pulling force	45...1000 N
Mechanical robustness	Free fall resistance 1000 mm EN/IEC 60068-2-32
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508 EN/IEC 60947-1
Radio agreement	ANATEL ARIB T66 FCC ICASA RSS SRRC
Communication port protocol	Zigbee green power 2.4 GHz IEEE 802.15.4
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
Emission Power	3 mW
Fixing mode	By screw 15.93...19.47 lbf.in (1.8...2.2 N.m)
Mounting Mode	Between 2 ropes Panel-mounted
Operating position	Any position

## Environment

Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Relative humidity	95 % -13...158 °F (-25...70 °C) without condensation
IP degree of protection	IP66 IEC 60529 outdoor)
NEMA degree of protection	NEMA 4X outdoor
IK degree of protection	IK05 IEC 50102
Mechanical durability	1000000 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 11...500 Hz)IEC 60068-2-6 +/- 10 mm 2...11 Hz)IEC 60068-2-6
Electromagnetic compatibility	Electrostatic discharge immunity test 8 kV in free air (in insulating parts)) Electrostatic discharge immunity test 6 kV on contact (on metal parts)) Susceptibility to electromagnetic fields 10 V/m 80...2000 MHz) Susceptibility to electromagnetic fields 3 V/m 80...2700 MHz, distance = 20 m) Immunity for industrial environments Radiated emission
Product Certifications	CCC BT 2006/95/EC CSA UL C-tick GOST
Directives	1999/5/EC - R&TTE directive 2004/108/EC - electromagnetic compatibility

## Ordering and shipping details

Category	22470 - XB5R WIRELESS PUSH BUTTON
Discount Schedule	I
GTIN	3606480571732
Nbr. of units in pkg.	1
Package weight(Lbs)	6.35 oz (180 g)
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.64 in (6.7 cm)
Package 1 width	2.56 in (6.5 cm)
Package 1 Length	6.50 in (16.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	32
Package 2 Weight	13.80 lb(US) (6.259 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

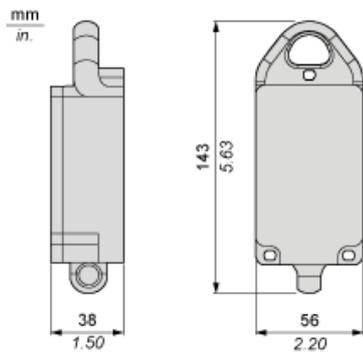
## Contractual warranty

Warranty	18 months
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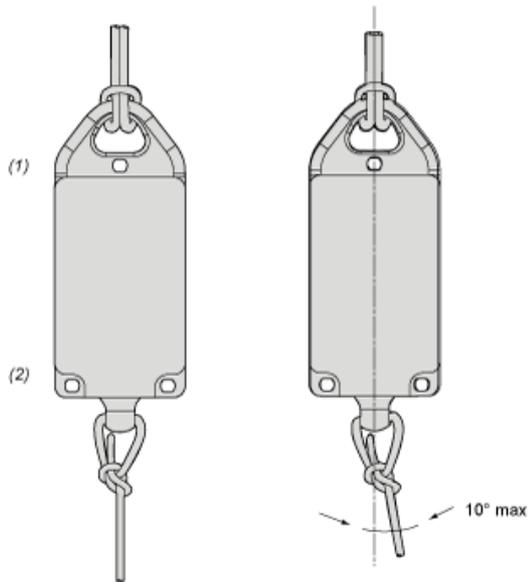
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Wireless and Batteryless Rope Pull Switch Transmitter

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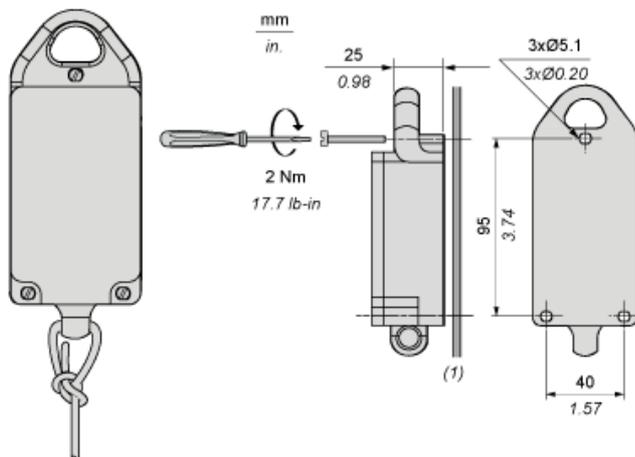


Transmitter Mounting



- (1) HIGH
- (2) BOTTOM

Transmitter Mounting on Flat Surface



- (1) Installation on flat surface