

# Product data sheet

Specifications



## Rope pull switch with wireless and batteryless transmitter, Harmony XB5R, plastic black

ZBRP1

### Main

Range of product	Harmony XB5R
Product or component type	Wireless and batteryless transmitter
Device short name	ZBRP1
Bezel material	Plastic
Transmission frequency	2405 MHz
emission class	5M00G7W
Antenna type	Omnidirectional

### Complementary

Number of channels	1
Antenna gain	0 dBi
CAD overall height	144 mm
CAD overall width	56 mm
CAD overall depth	38 mm
Product weight	0.15 kg
Mechanical robustness	Free fall resistance 1 m conforming to EN/IEC 60068-2-31
Standards	UL 508 EN/IEC 60947-1 EN/IEC 62479 EN/IEC 60947-5-1 EN/IEC 300328
Radio agreement	ICASA GITEKI
Communication port protocol	Zigbee green power at 2.4 GHz conforming to IEEE 802.15.4
Maximum sensing distance	100 m in free field
Emission power	3 mW
Fixing mode	By screw: 1.8...2.2 N.m
Mounting mode	Between 2 ropes Panel mount with universal support
Operating position	Any position

### Environment

Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C

<b>Relative humidity</b>	95 % without condensation
<b>IP degree of protection</b>	IP65 conforming to IEC 62262
<b>NEMA degree of protection</b>	NEMA 4
<b>IK degree of protection</b>	IK05 conforming to IEC 62262
<b>Mechanical durability</b>	1000000 cycles
<b>Electromagnetic compatibility</b>	Electrostatic discharge immunity test - test level: 8 kV (in free air (in insulating parts)) Susceptibility to electromagnetic fields - test level: 10 V/m (80...2000 MHz) Susceptibility to electromagnetic fields - test level: 6 V/m (2000...6000 MHz)
<b>Product certifications</b>	UL GOST CE RCM ANATEL FCC UKCA

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.700 cm
<b>Package 1 Width</b>	6.500 cm
<b>Package 1 Length</b>	16.500 cm
<b>Package 1 Weight</b>	172.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	32
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	6.259 kg

## Contractual warranty

<b>Warranty</b>	18 months
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Environmental footprint

Total lifecycle Carbon footprint

2

## Use Better

### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

25b7f895-3732-43c8-9910-ef6005058640

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 [www.P65Warnings.ca.gov](#)

## Use Again

### Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

No

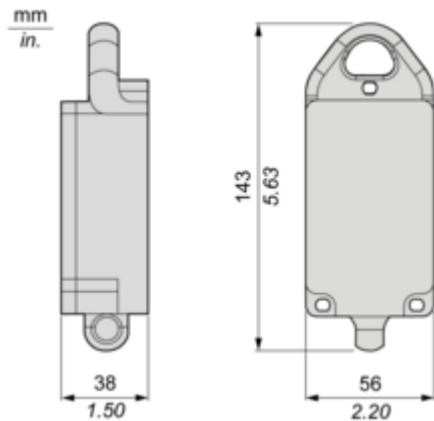
WEEE Label

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Dimensions Drawings

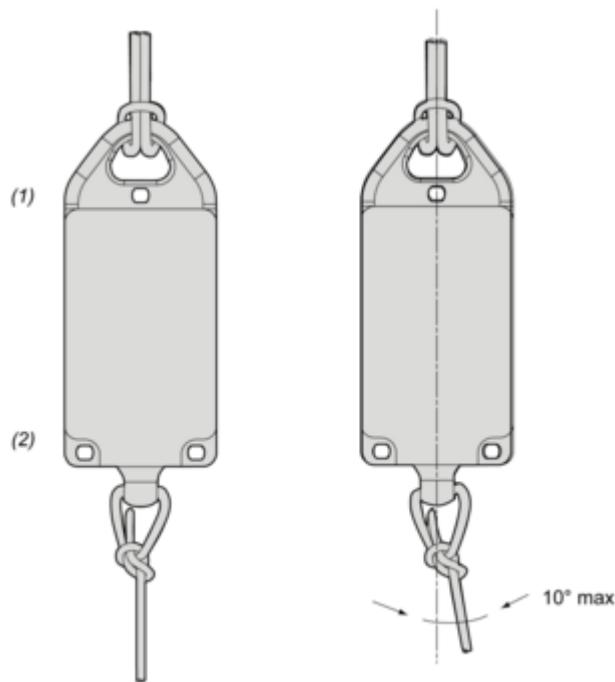
### Wireless and Batteryless Rope Pull Switch Transmitter

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## Mounting and Clearance

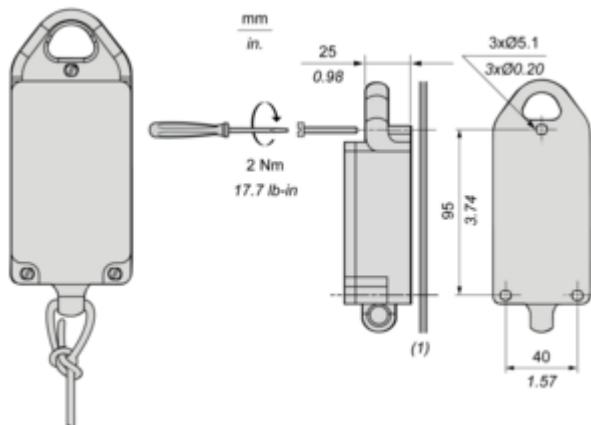
### Transmitter Mounting



(1) HIGH  
(2) BOTTOM

**Transmitter Mounting on Flat Surface**

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(1) Installation on flat surface

## Technical Illustration

### Dimensions

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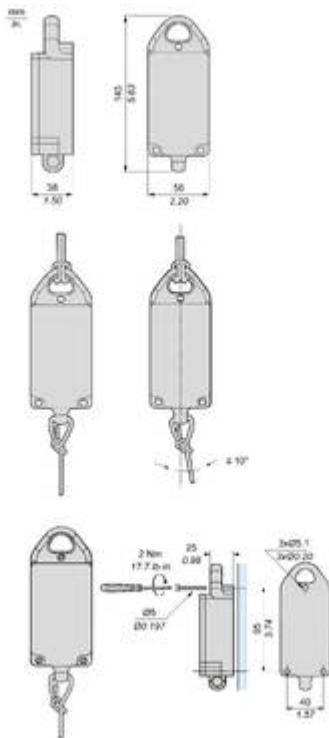


Image of product / Alternate images

Alternative

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