

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Relative humidity	95 % without condensation
IP degree of protection	IP65 conforming to IEC 62262
NEMA degree of protection	NEMA 4
IK degree of protection	IK05 conforming to IEC 62262
Mechanical durability	1000000 cycles
Electromagnetic compatibility	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)
Product certifications	UL GOST CE RCM ANATEL FCC UKCA

Packing Units

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

Contractual warranty

Warranty	18 months
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Environmental Data


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

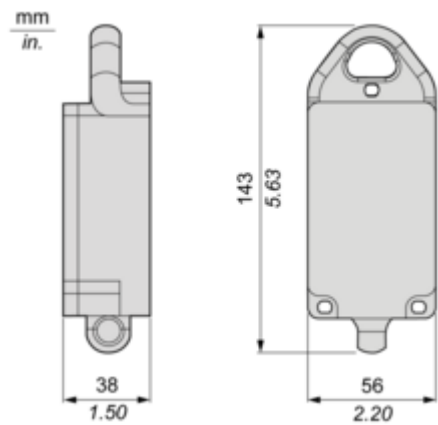
 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	25b7f895-3732-43c8-9910-ef6005058640
California proposition 65	WARNING: This product can expose you to chemicals 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

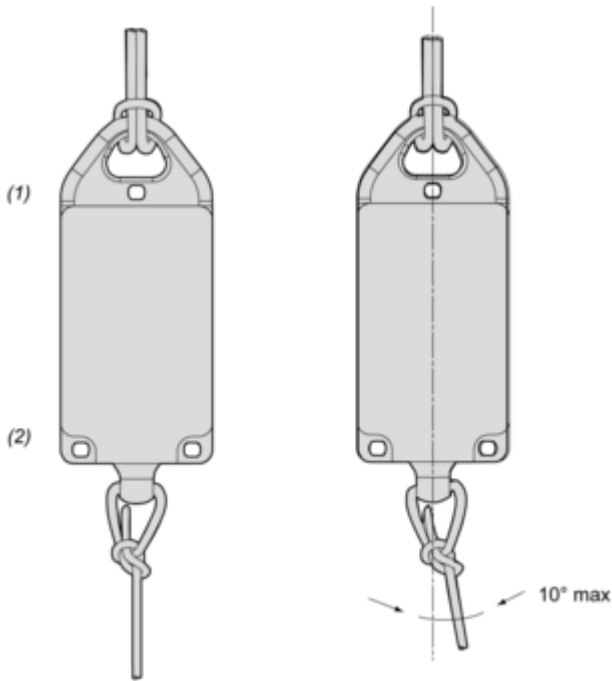
Dimensions Drawings

Wireless and Batteryless Rope Pull Switch Transmitter



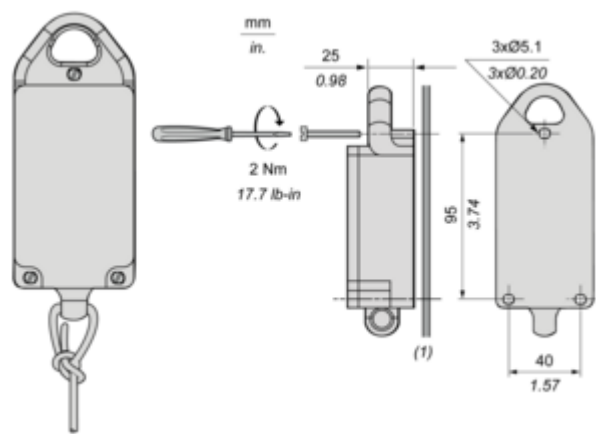
Mounting and Clearance

Transmitter Mounting



- (1) HIGH
- (2) BOTTOM

Transmitter Mounting on Flat Surface



(1) Installation on flat surface

Technical Illustration

Dimensions

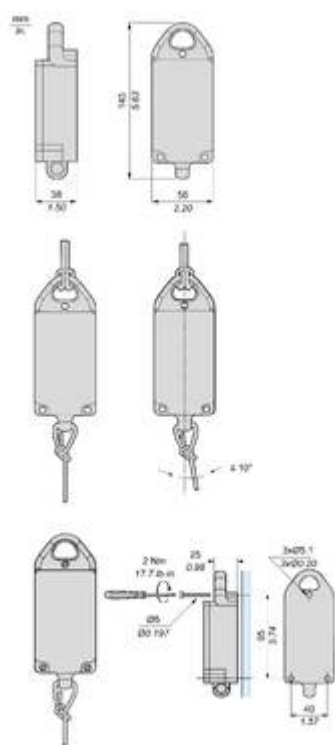


Image of product / Alternate images

Alternative



