

Product data sheet

Specifications



Wireless and batteryless package,
Harmony XB5R, Wireless push
button and non configurable
receiver, plastic, 22mm, with 1 black
cap, 24V DC

XB5RFB01

Main

Range of product	Harmony XB5R
Product or component type	Wireless and batteryless package
Device short name	XB5R
Head material	Plastic
frequency	2405 MHz for transmitter 2405 MHz for receiver
emission class	5M00G7W
Antenna type	Omnidirectional

Complementary

Control type	Wireless and batteryless push-button Ø 22 mm assembled on fixing collar
Type of receiver	Non-programmable receiver (1 relay)
[Us] rated supply voltage	24 V DC
Kit composition	1 transmitter 1 set of caps 1 receiver 1 fixing collars 1 diameter: 22 mm 1 push-button head diameter: 22 mm
Communication port protocol	Zigbee conforming to IEEE 802.15.4
Max power consumption in W	1 mW
Number of channels	1
Modulation Technique	O-QPSK
Bandwidth	5 MHz
Antenna gain	0 dBi
[Us] rated supply voltage	24 V

Environment

Product certifications	UL C-Tick GOST CSA CCC
Marking	CE

Standards	IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 UL 508
Radio agreement	SRRC ICASA RSS ANATEL FCC ARIB T66

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.300 cm
Package 1 Width	10.500 cm
Package 1 Length	10.800 cm
Package 1 Weight	195.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.666 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 31

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

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

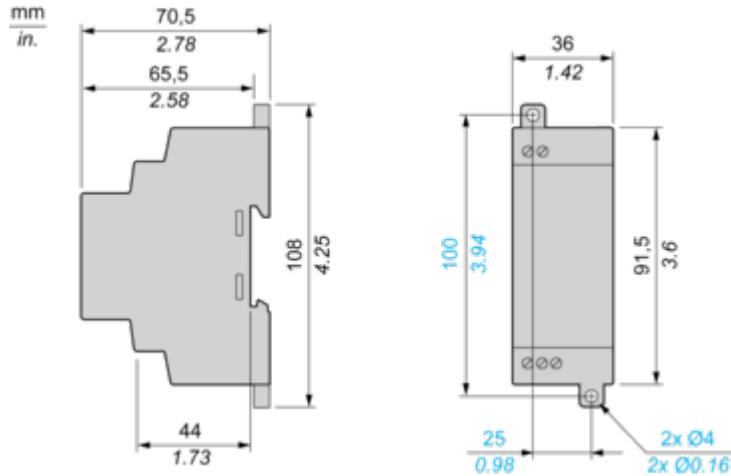
Repack and remanufacture

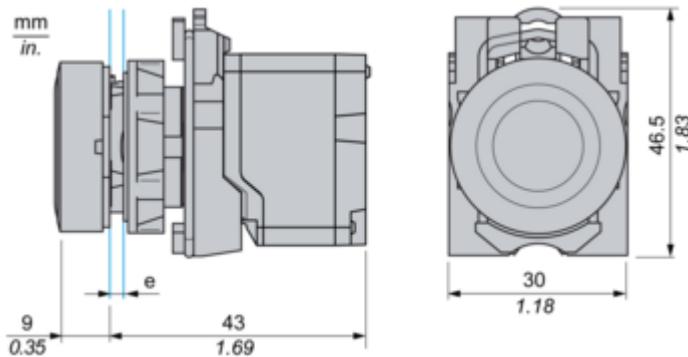
End of life manual availability [End of Life Information](#)

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

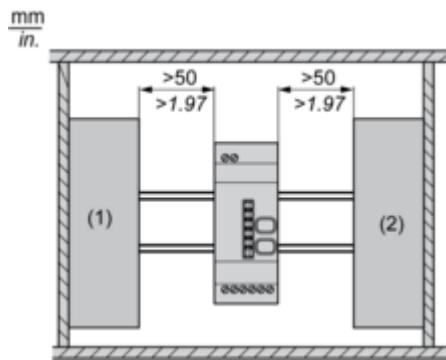
Dimensions Drawings

Non-Programmable Receiver

Wireless and Batteryless Pushbutton - Transmitter**With Plastic Pushbutton without Cap**

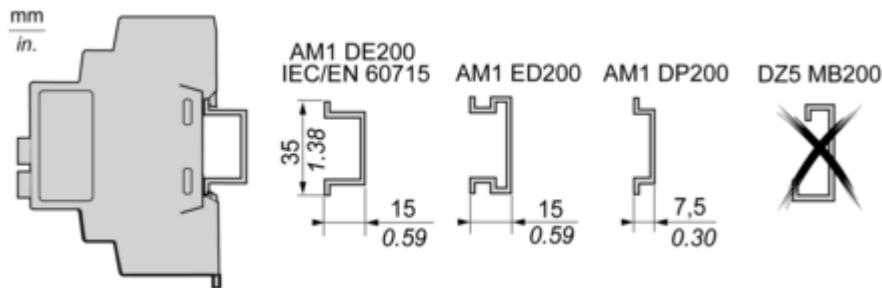
e: panel thickness 1 to 6 mm / 0.039 to 0.24 in.

Mounting and Clearance

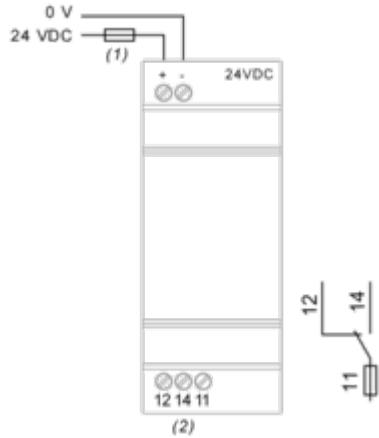
Receiver Clearance

(1) Drive

(2) Power Supply or PLC

Receiver Mounting

Connections and Schema

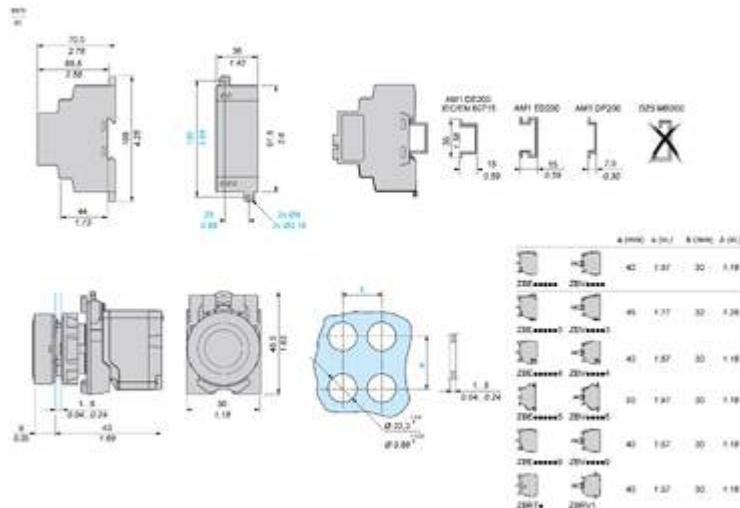
Non-Programmable Receiver**Wiring Diagram**

(1) 125 mA fast-blow fuse

(2) $I_{max} = 3$ A

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

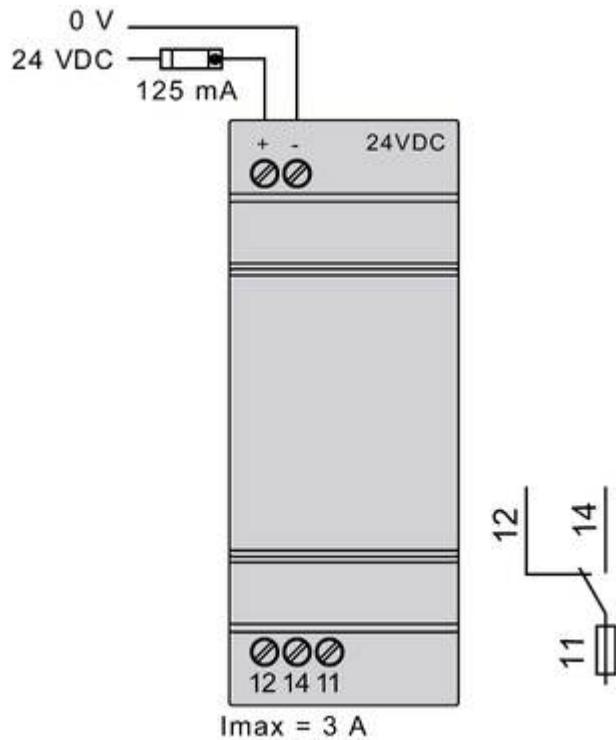


Image of product / Alternate images

Alternative



