

Product datasheet

Specifications



Wireless push button and non-configurable receiver, Harmony XB5R, plastic, Ø22, with 1 black cap, 24 V 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
customizable	No
Compatibility code	XB5R
[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.

[How this information helps you >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	31
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	No
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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SCIP Number	25b7f895-3732-43c8-9910-ef6005058640
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REACH Regulation	REACH Declaration
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China RoHS Regulation	China RoHS declaration
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Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
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WEEE



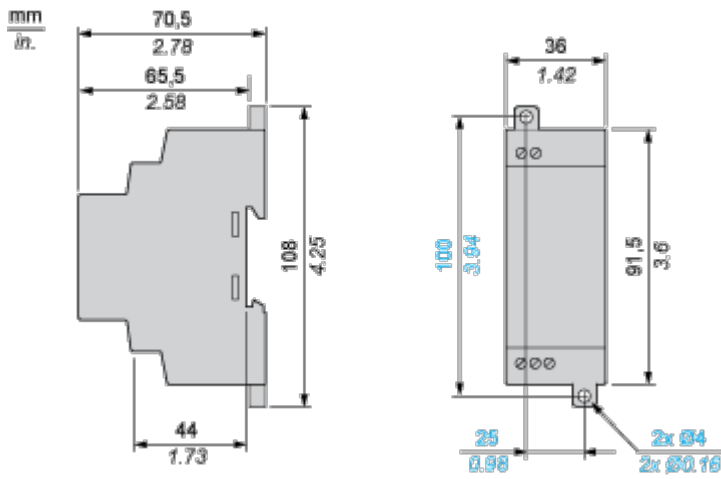
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Take-back

No

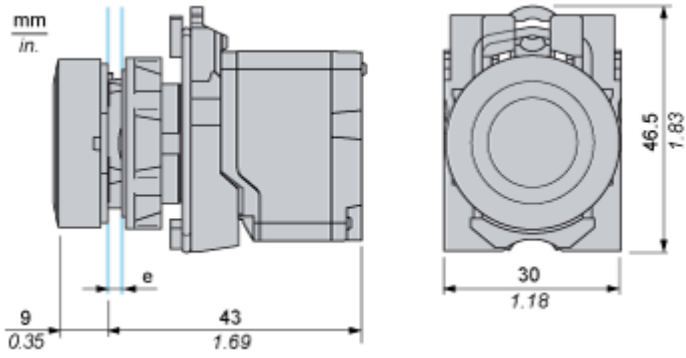
Dimensions Drawings

Non-Programmable Receiver



Wireless and Batteryless Pushbutton - Transmitter

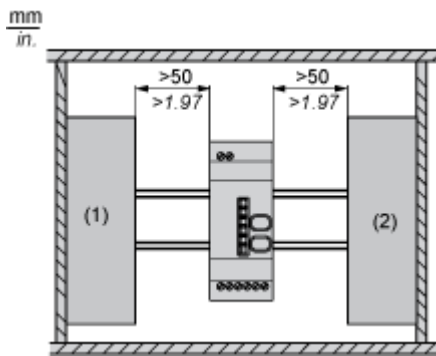
With Plastic Pushbutton without Cap



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

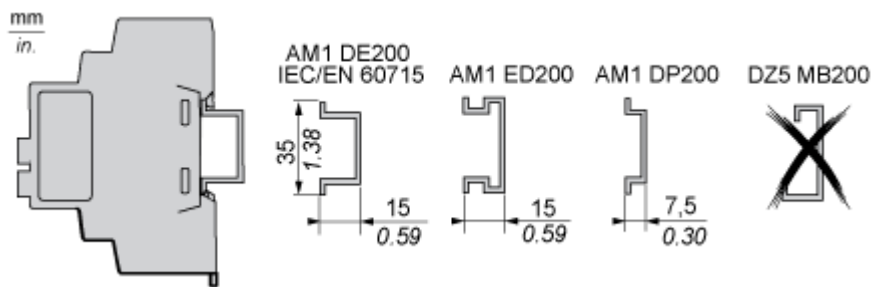
Mounting and Clearance

Receiver Clearance



- (1) Drive
- (2) Power Supply or PLC

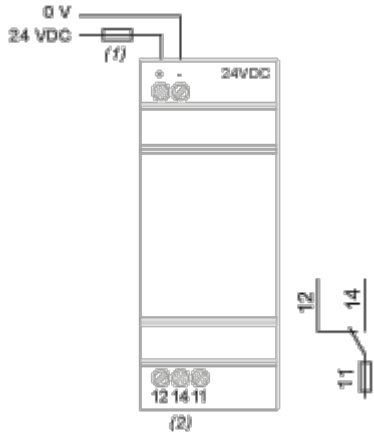
Receiver Mounting



Connections and Schema

Non-Programmable Receiver

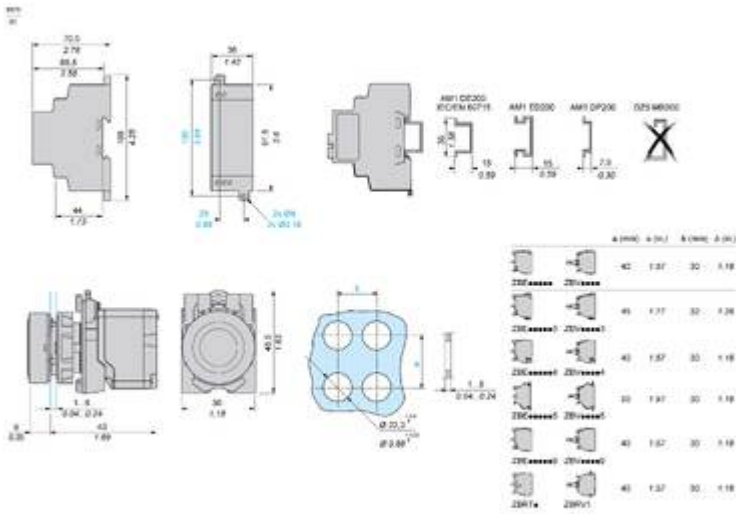
Wiring Diagram



- (1) 125 mA fast-blow fuse
- (2) $I_{max} = 3\text{ A}$

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

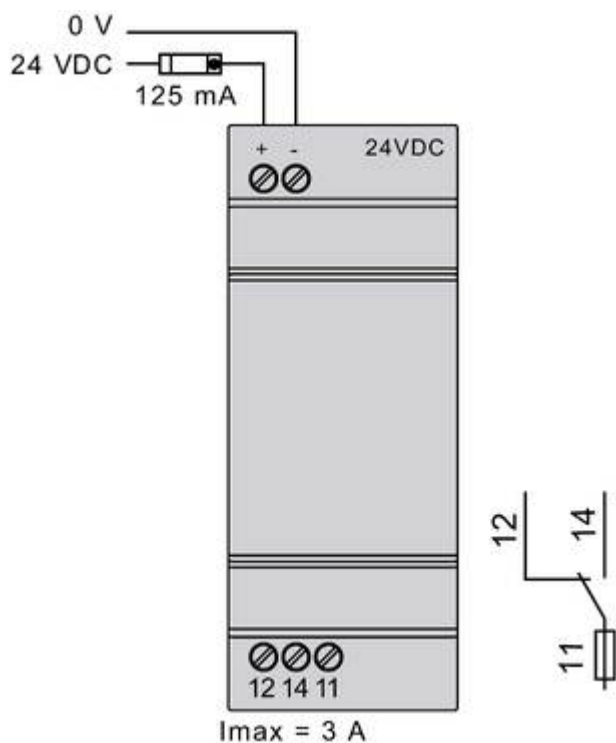


Image of product / Alternate images

Alternative

