

Product data sheet

Specifications



Wireless push button and
configurable receiver, Harmony
XB5R, Harmony XB4, with 10
colored caps, metal, 22mm,
24...240V AC DC

XB4RFA02

Main

Range of product	Harmony XB4R
Product or component type	Wireless and batteryless package
Device short name	XB4R
Head material	Metal
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	Programmable receiver (2 relays)
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Kit composition	1 diameter: 22 mm 1 push-button head diameter: 22 mm 1 receiver 1 set of caps 1 fixing collars 1 transmitter
Status LED	1 LED green for power ON 2 LEDs green for relay ON 2 LEDs green for function mode 1 LED green and yellow for reception signal
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...240 V

Environment

Product certifications	GOST CCC CSA UL C-Tick
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Marking	CE
Standards	IEC 60947-1 IEC 60947-5-1 CSA C22.2 No 14 UL 508
Radio agreement	ANATEL FCC RSS ARIB T66 ICASA SRRC

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.200 cm
Package 1 Width	10.500 cm
Package 1 Length	10.800 cm
Package 1 Weight	250.000 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	4.459 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

7

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](#)

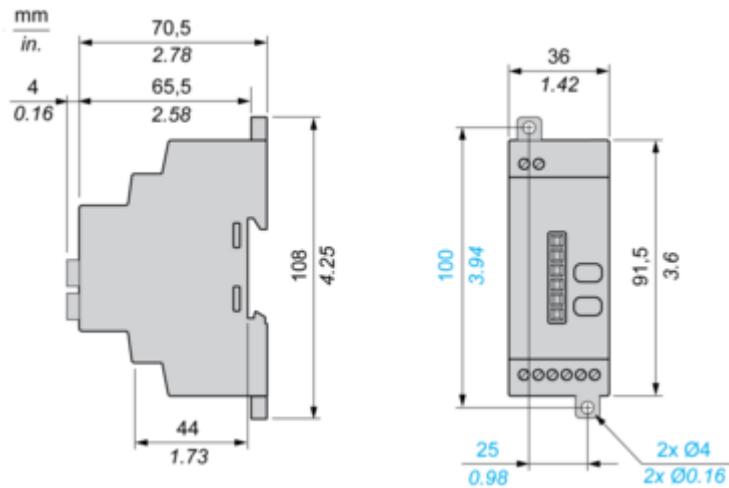
Take-back

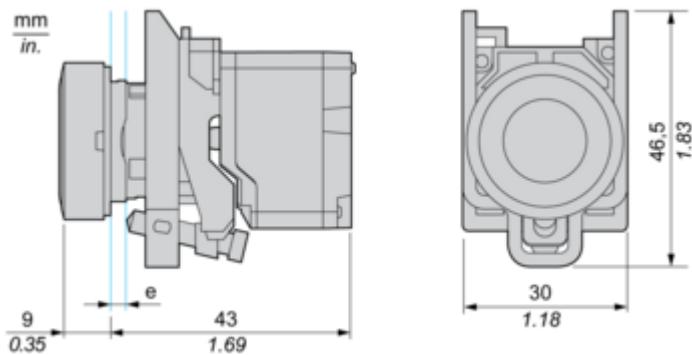
No

WEEE Label

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

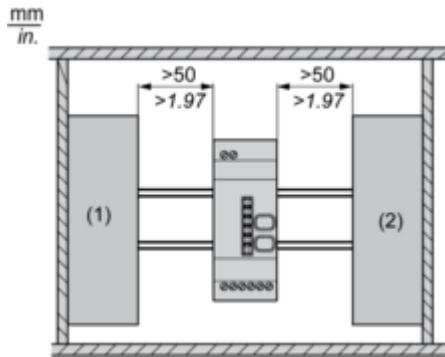
Dimensions Drawings

Programmable Receiver

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

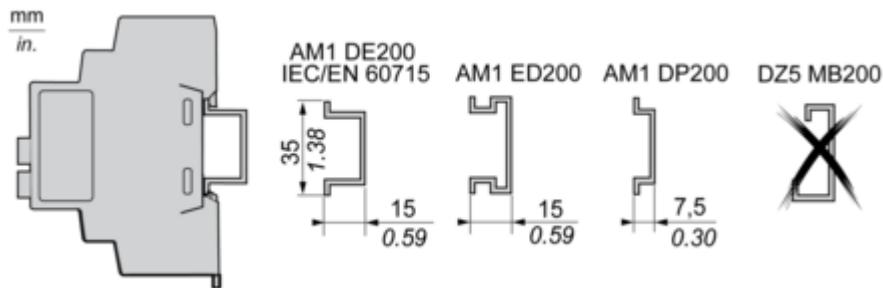
e: panel thickness 1 to 6 mm / 0.039 to 0.24 in.

Mounting and Clearance

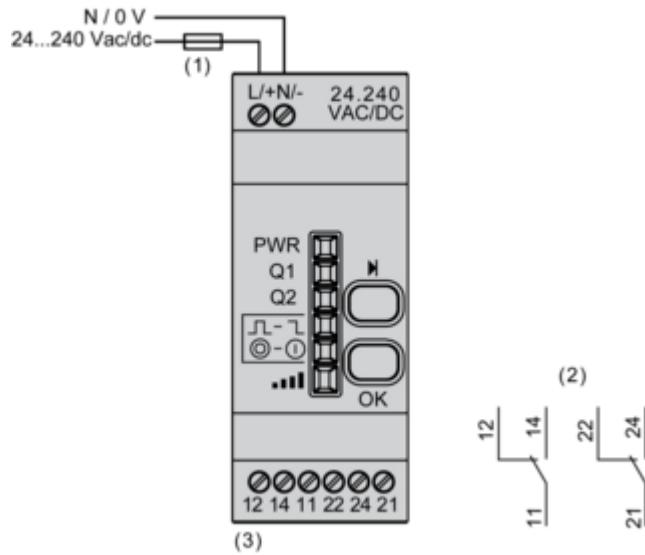
Receiver Clearance

(1) Drive

(2) Power Supply or PLC

Receiver Mounting

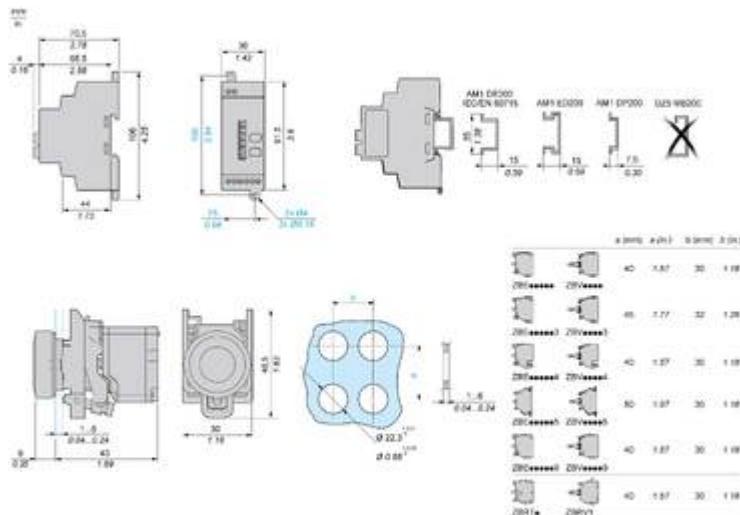
Connections and Schema

Programmable Receiver

- (1) 500 mA
- (2) Output contacts
- (3) $I_{max} = 3\text{ A}$

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

