

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

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB4R
Product or Component Type	Wireless and batteryless package
Device short name	XB4R
Head material	Metal
frequency	2405 MHz transmitter 2405 MHz 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 0.9 in (22 mm) 1 push-button head 0.9 in (22 mm) 1 receiver 1 set of caps 1 fixing collars 1 transmitter
Status LED	1 LED Green power ON 2 LEDs Green relay ON 2 LEDs Green function mode 1 LED green and yellow reception signal
Communication port protocol	Zigbee 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Product Certifications	GOST CCC CSA UL C-tick
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

Ordering and shipping details

Category	US1000I22470
Discount Schedule	000I
GTIN	3606480436031
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.62 in (9.200 cm)
Package 1 Width	4.13 in (10.500 cm)
Package 1 Length	4.25 in (10.800 cm)
Package 1 Weight	8.818 oz (250.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	9.830 lb(US) (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	
Carbon footprint (kg CO2 eq, Total Life cycle)	7
Environmental Disclosure	Product Environmental Profile

Use Better

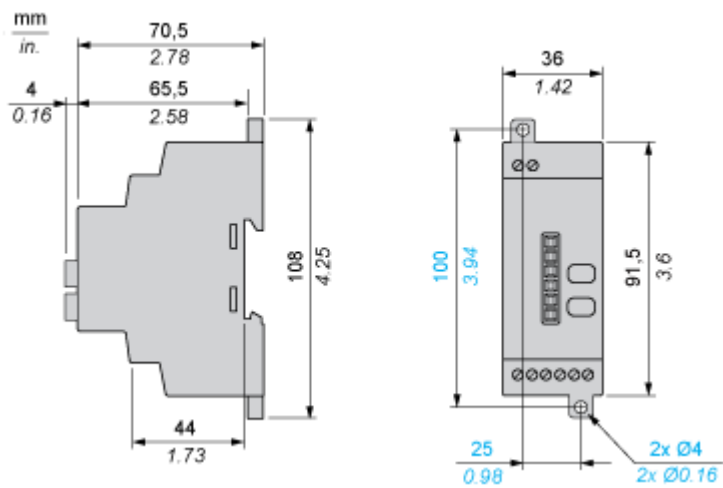
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	25b7f895-3732-43c8-9910-ef6005058640
REACH Regulation	REACH Declaration
California proposition 65	WARNING: 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	
Circularity Profile	End of Life Information
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

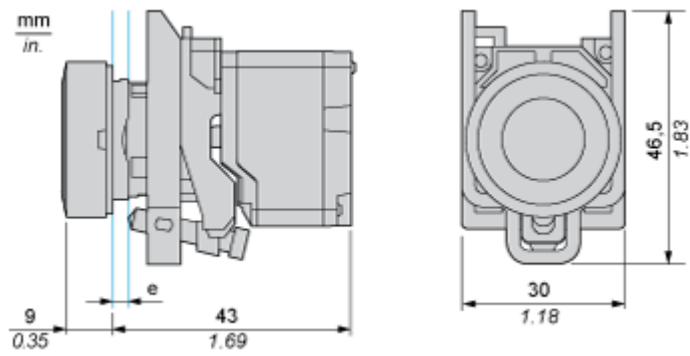
Dimensions Drawings

Programmable Receiver



Wireless and Batteryless Pushbutton - Transmitter

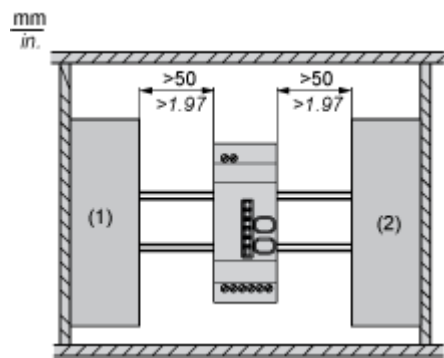
With Metal Pushbutton without Cap



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

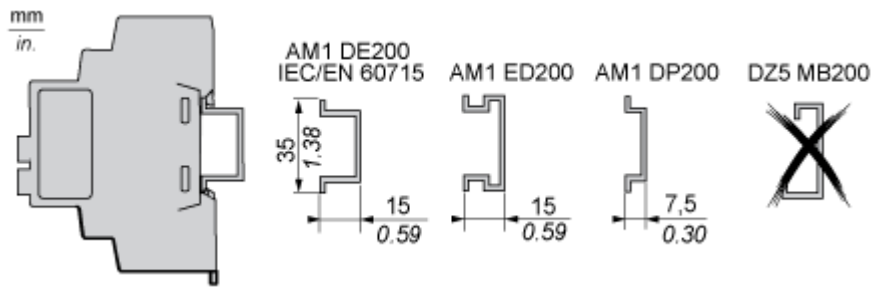
Mounting and Clearance

Receiver Clearance



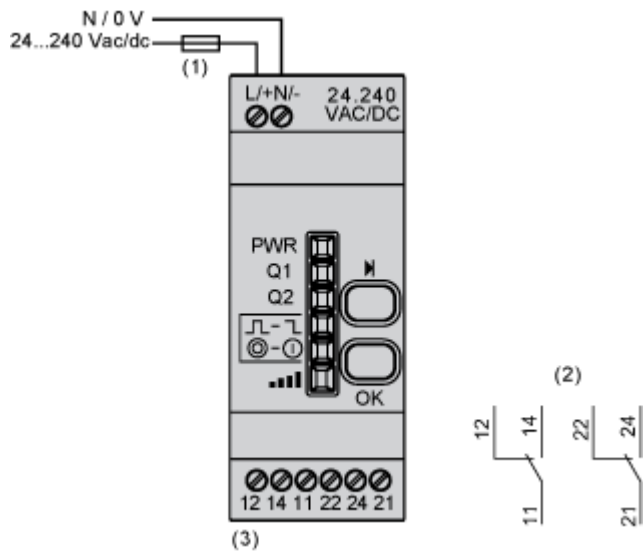
- (1) Drive
- (2) Power Supply or PLC

Receiver Mounting



Connections and Schema

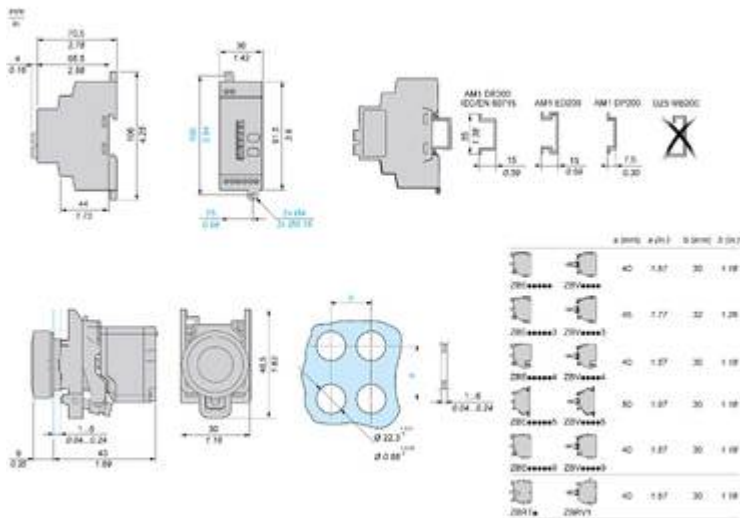
Programmable Receiver



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

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

