Product data sheet

Specifications

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

XB5RFA02

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	Programmable receiver (2 relays)
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Kit composition	1 transmitter 1 set of caps 1 receiver 1 fixing collars 1 diameter: 22 mm 1 push-button head diameter: 22 mm
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
Customizable	No
Compatibility code	XB5R

Environment

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Product certifications	UL
	CCC
	GOST
	CSA
	C-Tick

Marking	CE

Standards	CSA C22.2 No 14
	IEC 60947-5-1
	UL 508
	IEC 60947-1

Radio agreement	SRRC
	RSS
	ARIB T66
	FCC
	ICASA
	ANATEL

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	207.000 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	3.850 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ⟩

Guide to assess a product's sustainability ⟩

Transparency   RoHS/REACh

Well-being performance

✅ Mercury Free
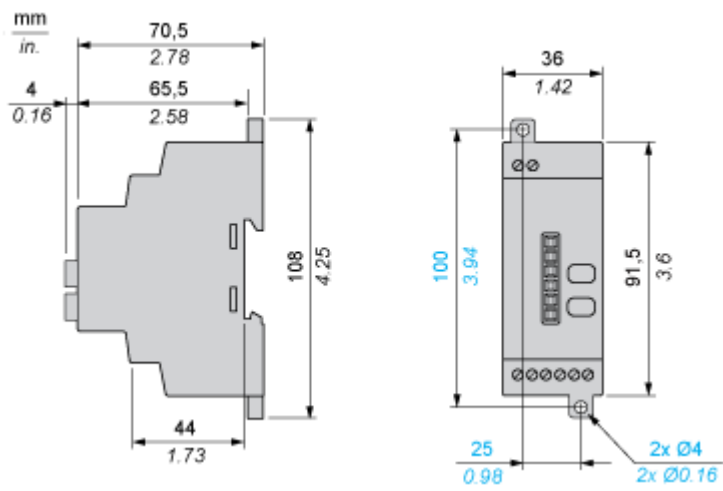
✅ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

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

Circularity Profile   End of Life Information

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
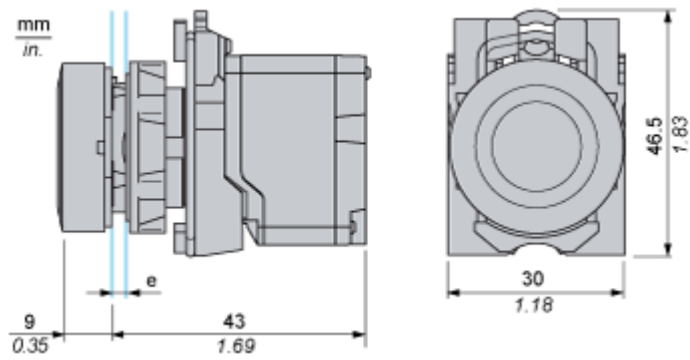
Dimensions Drawings

Programmable Receiver

Wireless and Batteryless Pushbutton - Transmitter

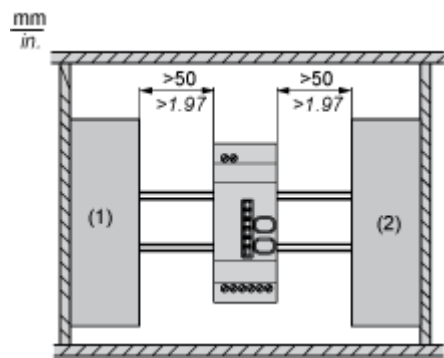**With Plastic Pushbutton without Cap**

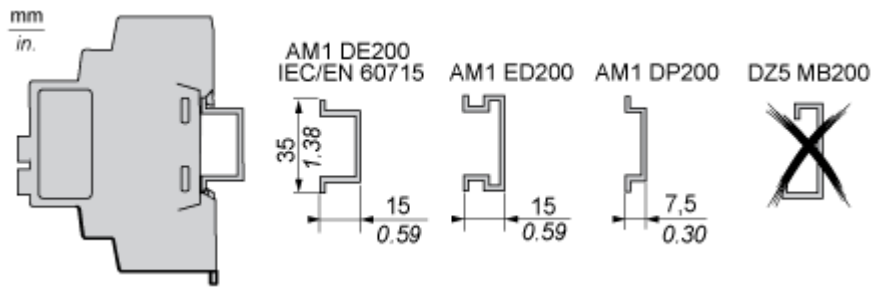e: panel thickness 1 to 6 mm / 0.039 to 0.24 in.

Mounting and Clearance

Receiver Clearance

(1)   Drive

(2)   Power Supply or PLC

Receiver Mounting

AM1 DE200
IEC/EN 60715   AM1 ED200   AM1 DP200   DZ5 MB200

35 / 1.38

15 / 0.59   15 / 0.59   7,5 / 0.30

mm / in.

Connections and Schema

Programmable Receiver

(1)   500 mA

(2)   Output contacts

(3)   Imax = 3 A