

## Product data sheet

### Characteristics

## XB5RFB01

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



### 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[RETURN]C-Tick[RETURN]GOST[RETURN]CSA[RETURN]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

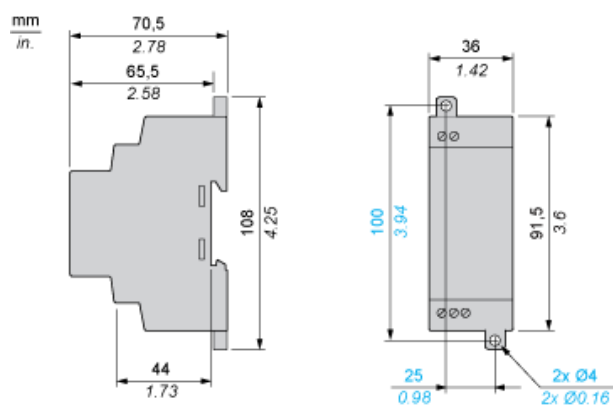
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

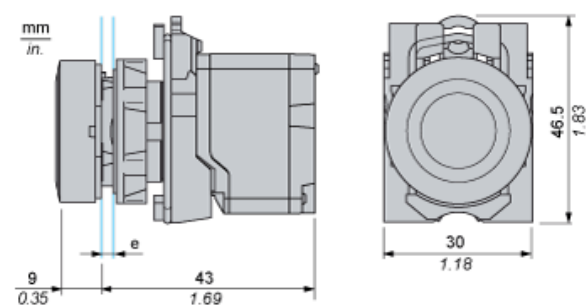
Warranty	18 months
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### Non-Programmable Receiver



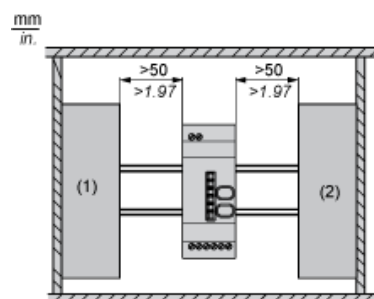
### Wireless and Batteryless Pushbutton - Transmitter

#### With Plastic Pushbutton without Cap



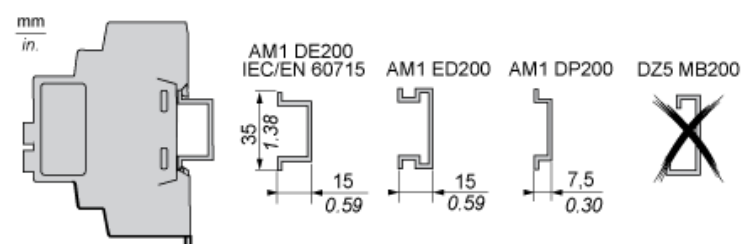
e: panel thickness 1 to 6 mm / 0.039 to 0.24 in.

## Receiver Clearance



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

## Receiver Mounting

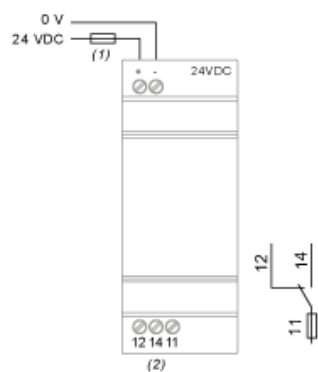


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## Non-Programmable Receiver

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### Wiring Diagram



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