

# XB5RFB01

Harmony XB5, Wireless push button and non-configurable receiver, plastic, Ø22, with 1 black cap, 24 V 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<br>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<br>1 set of caps<br>1 receiver<br>1 fixing collars<br>1 diameter: 22 mm<br>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<br>C-Tick<br>GOST<br>CSA<br>CCC                              |
| Marking                | CE  |
| Standards              | EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-1<br>UL 508 |
| Radio agreement        | SRRC<br>ICASA<br>RSS<br>ANATEL<br>FCC<br>ARIB T66               |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 194.0 g |
| Package 1 Height             | 9.3 cm  |
| Package 1 width              | 10.5 cm |
| Package 1 Length             | 10.8 cm |
| Unit Type of Package 2       | S03     |
| Number of Units in Package 2 | 16      |
| Package 2 Weight             | 3.58 kg |
| Package 2 Height             | 30.0 cm |
| Package 2 width              | 30.0 cm |
| Package 2 Length             | 40.0 cm |

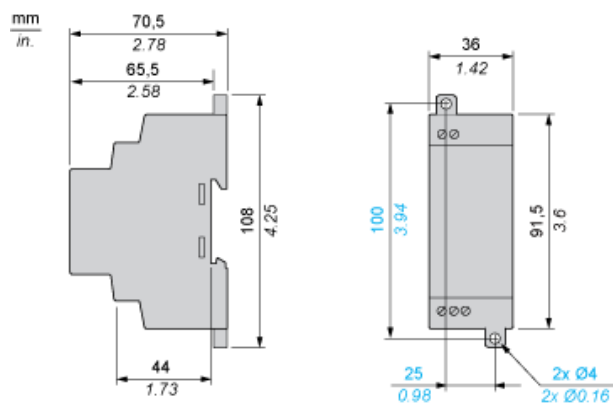
## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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) <a href="#">EU RoHS Declaration</a>                              |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</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

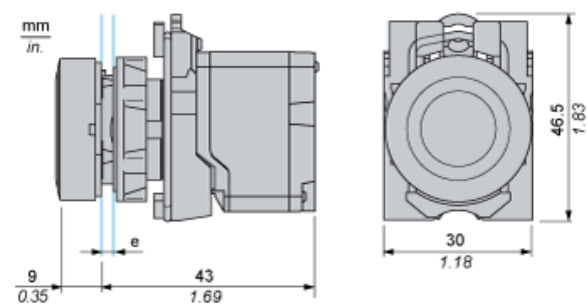
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

### Non-Programmable Receiver



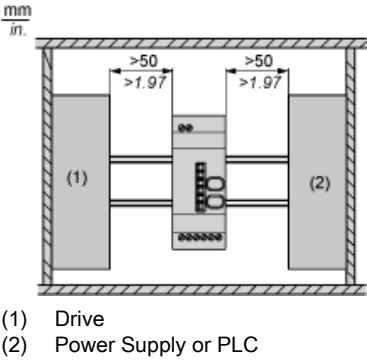
### Wireless and Batteryless Pushbutton - Transmitter

#### With Plastic Pushbutton without Cap

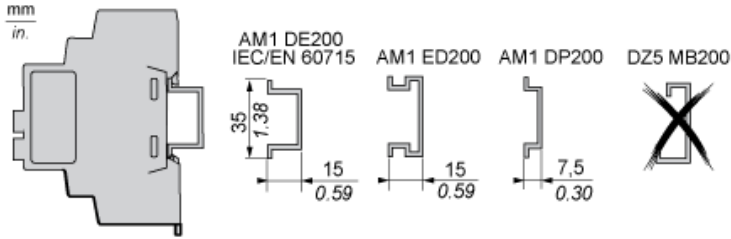


e: panel thickness 1 to 6 mm / 0.039 to 0.24 in.

Receiver Clearance



Receiver Mounting

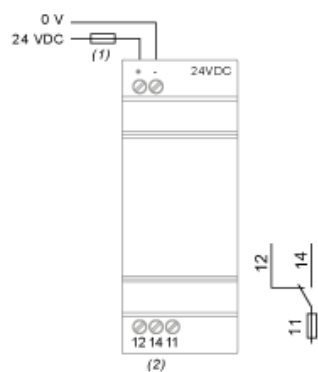


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Non-Programmable Receiver

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Wiring Diagram



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