



## Main

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| Range of product          | Harmony XB5R                                             |
| Product or component type | Wireless and batteryless package                         |
| Device short name         | XB5R                                                     |
| Head material             | Plastic                                                  |
| Kit composition           | 1 plastic push-button, 1 receiver and 1 set of caps      |
| Frequency                 | 2405 MHz for receiver<br>2405 MHz for transmitter        |
| Emission class            | 5M00G7W                                                  |
| Antenna type              | Omnidirectional                                          |
| Device composition        | ZBA79<br>ZBRRA<br>ZBRT1<br>ZB5AZ009<br>ZB5RZA0<br>ZBRM01 |

## Complementary

|                             |                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Control type                | Wireless and batteryless push-button handy box assembled on fixing collar                                                              |
| Type of receiver            | Programmable receiver (2 relays)                                                                                                       |
| [Us] rated supply voltage   | 24...240 V AC/DC 50/60 Hz                                                                                                              |
| Status LED                  | 1 LED green and yellow for reception signal<br>2 LEDs green for function mode<br>2 LEDs green for relay ON<br>1 LED green for power ON |
| Communication port protocol | Zigbee conforming to IEEE 802.15.4                                                                                                     |
| Rated power in W            | <= 1 mW                                                                                                                                |
| Number of channels          | 1                                                                                                                                      |
| Modulation technique        | O-QPSK                                                                                                                                 |
| Bandwidth                   | 5 MHz                                                                                                                                  |
| Antenna gain                | 0 dBi                                                                                                                                  |

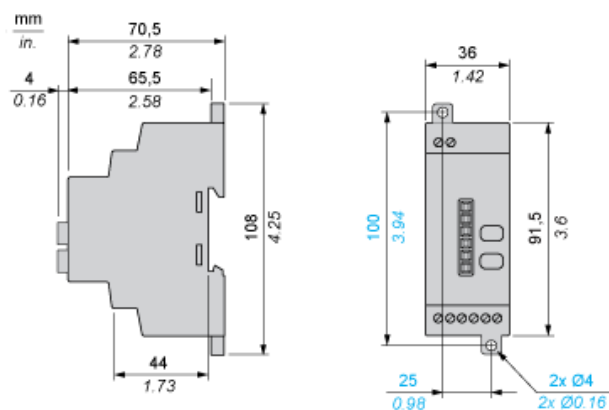
## Environment

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

## Offer Sustainability

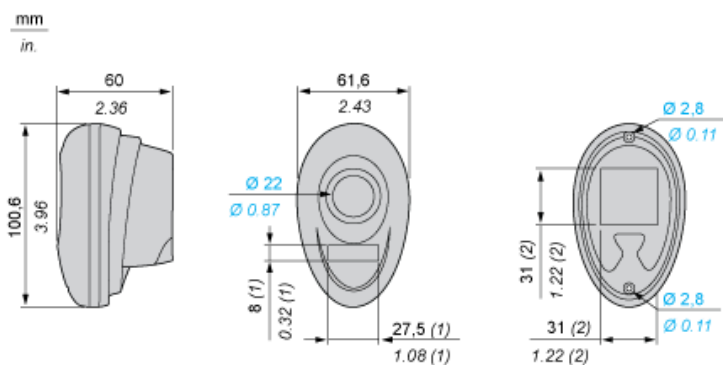
|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                 |
| RoHS (date code: YYWW)           | Compliant - since 1028 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Available <a href="#">Download End Of Life Manual</a>                                 |

## Programmable Receiver



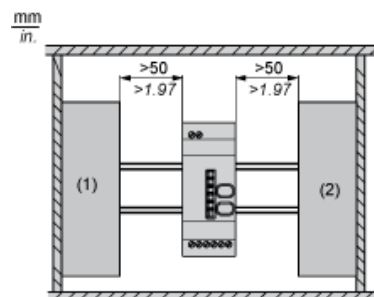
## Wireless and Batteryless Pushbutton - Transmitter

### Plastic Handy Box for Mobile Use



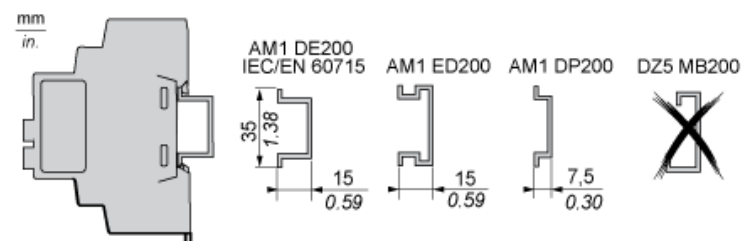
- (1) Location for ZBY0101T legend.
- (2) Location for magnet to be stuck on by the customer.

## Receiver Clearance

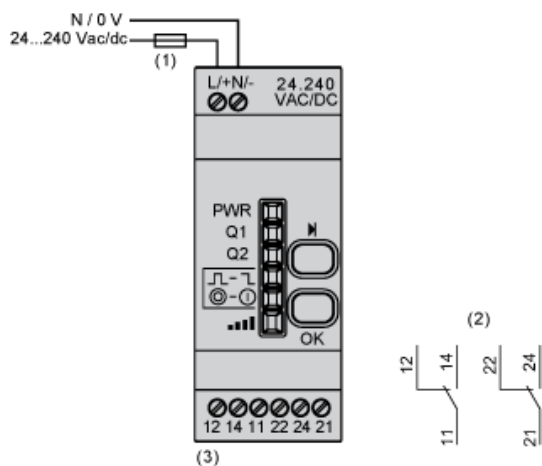


- (1) Drive
- (2) Power Supply or PLC

## Receiver Mounting



### Programmable Receiver



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