

22mm push button, Harmony ZB, wireless and batteryless handy box, 2 simple action buttons, ZBRT1 transmitter

ZBRM22A0

Product availability: Stock - Normally stocked in distribution facility

#### Main

Range of Product	Harmony XB5R	
Product or Component Type	Wireless and batteryless transmitter	
Device short name	XB5R	
Contact operation	2 simple action push-button	
Bezel material	Plastic	
Fixing collar material	Plastic	
Mounting diameter	0.9 in (22 mm)	

### Complementary

Kit composition	1 set of caps 1 handy box 2 transmitter	
	2 push-button head 0.9 in (22 mm) 2 fixing collars	
Shape of signaling unit head	Round	
Type of operator	spring return push-button with transmitter	
Operator profile	Flush	
Operator additional information	Set of caps	
Product Weight	0.4 lb(US) (0.2 kg)	
Mechanical durability	1000000 cycles	
Operating travel	0.2 in (4.3 mm) total travel)	
Operating force	25 N C/O changing electrical state	
Shock resistance	25 gn 6 ms) 6000 shocks IEC 60068-2-27 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27	
Mechanical robustness	Free fall resistance 1000 mm IEC 60068-2-32	
Communication port protocol	Zigbee green power 2.4 GHz	
Maximum sensing distance	328.08 ft (100 m) in free field 82.02 ft (25 m) transmitter in the handy box and receiver in a metal enclosure 984.3 ft (300 m) transmitter in the handy box, receiver in metal enclosure and use relay-antenna	
Acquisition time	2 ms	
Response time	< 2 ms	
Emission Power	3 mW	

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

## **Environment**

Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Ambient air temperature for operation	-13131 °F (-2555 °C)	
IP degree of protection	IP65 IEC 60529 front face) IP65 UL Type 12 front face)	
IK degree of protection	IK03 conforming to IEC 50102	
Relative humidity	95 % 158 °F (70 °C) without condensation	
Vibration resistance	5 gn (f= 11500 Hz) conforming to IEC 60068-2-6 +/- 10 mm (f= 211 Hz) conforming to IEC 60068-2-6	
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV (in free air (in insulating parts)) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 4 kV (on contact (on metal parts)) conforming to IEC 61000-4-2 Susceptibility to electromagnetic fields - test level: 20 V/m (803000 MHz) conforming to IEC 61000-4-3 Susceptibility to electromagnetic fields - test level: 6 V/m (30006000 MHz, distance = 20 m) conforming to IEC 61000-4-3	
Radio agreement	RSS UL 508 ARIB T66 CSA C22.2 No 14 ICASA ANATEL FCC	
Standards	IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 UL 508	
Product Certifications	C-tick CSA BT 2006/95/EC EAC UL CCC	
Directives	2004/108/EC - electromagnetic compatibility 1999/5/EC - R&TTE directive	

# Ordering and shipping details

Category	US1000I22470
Discount Schedule	0001
GTIN	3606480891083
Returnability	Yes
Country of origin	US

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.68 in (6.800 cm)
Package 1 Width	2.68 in (6.800 cm)
Package 1 Length	6.65 in (16.900 cm)
Package 1 Weight	7,266 az (206,000 a)



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)	2	

#### **Use Better**

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: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

#### **Use Again**

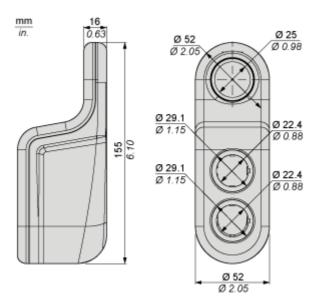
○ Repack and remanufacture		
Take-back	No	

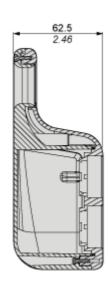
### **Dimensions Drawings**

#### **Dimensions**

### Wireless and Batteryless Pushbutton

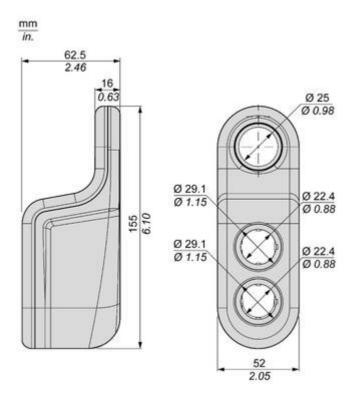
Plastic Mobile Box for Mobile or Fix Use - 2 Functions





### **Technical Illustration**

#### **Dimensions**



Offer Marketing Illustration

#### **Product benefits / Features**



Offer Marketing Illustration

#### Product benefits / Features

# **Technical Benefits**

### Harmony XB5



Image of product / Alternate images

### **Alternative**









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