ZBRM22B0

wireless and battery less handy box, 2 double action buttons



Main	
Range of product	Harmony XB5R
Product or component type	Wireless and batteryless transmitter
Device short name	XB5R
Contact operation	2 double action UP/DOWN push-buttons
Bezel material	Plastic
Fixing collar material	Plastic
Mounting diameter	0.87 in (22 mm)

Com	plemen	tary

Kit composition	1 set of caps 1 handy box 2 transmitter 2 push-button head 0.87 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
Net Weight	0.44 lb(US) (0.2 kg)
Mechanical durability	400000 cycles
Operating travel	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 (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Mechanical robustness	Free fall resistance 1000 mm EN/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 984.25 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

Environment

Ambient air temperature for storage	-40158 °F (-4070 °C)	
Ambient air temperature for operation	-13131 °F (-2555 °C)	
IP degree of protection	IP65 (front face) conforming to IEC 60529 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 11500 Hz)IEC 60068-2-6 +/- 10 mm 211 Hz)IEC 60068-2-6	

Electromagnetic compatibility	Electrostatic discharge immunity test 8 kV in free air (in insulating parts)) IEC 61000-4-2
	Electrostatic discharge immunity test 4 kV on contact (on metal parts)) IEC 61000-4-2
	Susceptibility to electromagnetic fields 20 V/m 803000 MHz) IEC 61000-4-3 Susceptibility to electromagnetic fields 6 V/m 30006000 MHz, distance = 20 m) IEC 61000-4-3
Radio agreement	RSS UL 508 ARIB T66 CSA C22.2 No 14 ICASA
	ANATEL FCC
Standards	UL 508 CSA C22.2 No 14 EN/IEC 60947-1
	EN/IEC 60947-5-1
Product certifications	BT 2006/95/EC C-tick
	EAC CSA UL
	CCC
Directives	2004/108/EC - electromagnetic compatibility 1999/5/EC - R&TTE directive

Category	22470 - XB5R WIRELESS PUSH BUTTON
Discount Schedule	I
GTIN	00785901774372
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	2.56 in (6.5 cm)	
Package 1 width	2.56 in (6.5 cm)	
Package 1 Length	6.42 in (16.3 cm)	

Offer Sustainability

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
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₫Yes
China RoHS Regulation	☑ China RoHS Declaration

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Dimensions

Wireless and Batteryless Pushbutton

Plastic Mobile Box for Mobile or Fix Use - 2 Functions



