FBX521A : Wireless panic button transmitter
Technical specification

FORBIX SEMICON



Model: FBX521A

Wireless panic button transmitter

Features:
- Press RED button to trigger panic alarm
- Press YELLOW button to deactivate the alarm
- Red light indicator on alarm button press
- Battery operated radio transmitter device
- Buzzer sound on press of any of the buttons (customized)
- Bounce back type of button switches
- Wall mount panic alarm button transmitter
- Metal antenna for range enhancement
- External 12volt long life removable battery

Precautions and mounting locations:
- Mounted on the top of door / wall
- Easy mounting with 4 screws to secure it tightly
- IP65 enclosure unit, robust and weatherproof
- For indoor purpose use only
- Keep away from metallic enclosures

Wall mount calling unit:
Enclosure type: IP 65 (color grey)
Size: 190 x 90 x 55 mm
Weight: 350gms
Plastic thickness: 3.5mm
Color: Beige

Environmental Requirement:
Operating Temperature: -20°C to 120°C
Storage Temperature: 5°C to 25°C
Relative Humidity: 2% (0°C) ~ 98% (48°C) RH

Technical details:
- Transmitter PA +10dbm
- Operating frequency: 380 – 480 MHz
- System operates works on signal hop mechanism. Signal transmission happens at more than 12-15 predefined frequencies
- Modulation type: GFSK
- Radio IC: CC1100 (Chipcon/TI) and other equivalents in sub-GHz freq.
- Modulation: GFSK
- Data packet error correction mechanism: FEC

Operating voltage:
12 Volt DC battery (in side the unit)
Battery model: 23A
Battery life: 2-3 years
Battery type: Alkaline (dry)
Battery replaceable: Yes
Battery rechargeable: No

Signal transmissions:
Make sure to press RED panic button for 2-4 seconds for reliable transmission. For deactivation, press cancel YELLOW button. Signals will continue to transmit as long as the button is kept pressed.
Signal range 100-150 meter outdoors
Indoors range drops to 30-40 meters

Application and features:
- Panic alarm in factories (for hot humid rooms, personal cabins, public counters / washrooms, sunny and dusty environments)
- Security alert systems
- Motor pump controllers
- Conveyer belts ON/OFF switch

FORBIX SEMICON TECHNOLOGIES PVT. LTD.
Bangalore, India
Website: https://www.forbixindia.com
+91 9742159846 / +91 9742370190

FORBIX Osaühing,
Tallinn, Estonia
Website: https://www.forbix.eu
+372 586 07 111

Email: sales@forbixindia.com

FORBIX SEMICON