

FBXCSR03R30C : Wireless motor control customized system

Technical specification



FBXCSR03R30C

Wireless motor control customized system

Features:

Customized design for motor forward and reverse operation:

- 1) Center button: main relay ON/OFF trigger (this is the power contactor)
- 2) Top button: relay 1 connected and relay 2 is turned OFF
- 3) Bottom button: relay 2 connected and relay 1 turned OFF

Customized changes:

- Both relay 1 and relay 2 cannot be turned ON at the same time
- If main relay is OFF (with center button), both up and down contacts are turned OFF automatically
- Relay capacity: 30 Amps (through current)

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:

110-220VAC/50-60Hz to 12VDC converter adapter supplied. Unit can also be plugged to any 12V external battery. Active working hours depends on the battery power. Remote runs on battery 12V (model 23A).

Signal transmissions:

DO NOT press the remote center button for a duration mode than 1 second. Since it is operating in toggle mode, the relay contactor may restart

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

Wireless peon calling system:

Receiver indicator Size: 150 x 90 x 55 mm

Weight: 380 gms

Remote controller size: 120 x 40 x 20 mm

Remote controller weight: 45 gms

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Application and features:

- Overhead crane and pulley arrangement
- Motorized gate open / close