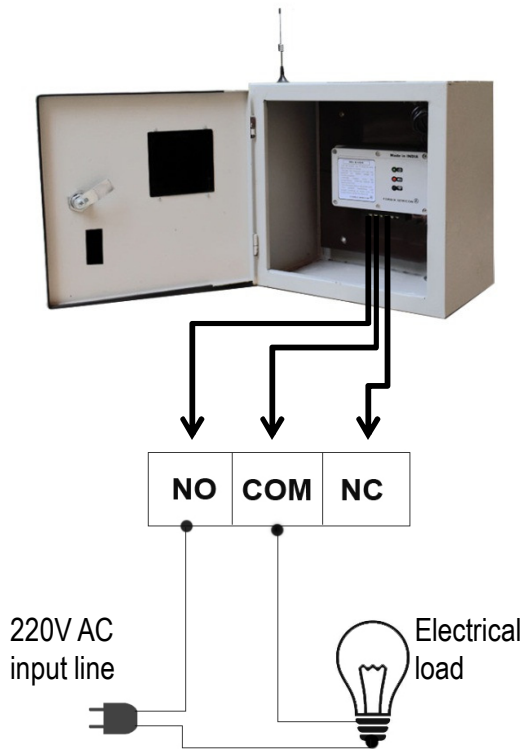


FBX7R01R5: 1-port wireless long range receiver

Technical specification



Precautions and mounting locations:

- Should not directly connect to motors to avoid initial boot up surge currents
- 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

FBX7R01R5

7xx series long range | 1-port relay | 5-Amps relay contactor

FBX7R01R30

7xx series long range | 1-port relay | 30-Amps relay contactor

Long range 1-channel signal receiver (wall mounted)

Features:

- Single channel long range Receiver (2-3Kms range)
- 1 indicators RED light in the front 1 port relay
- 1 indicator BLUE SYNC light to check signal reception
- 5Amps / 30Amps potential free relay contactor terminals
- Transmitter ON signal triggers the relay ON (indicator turns ON)
- Transmitter OFF signal triggers the relay OFF (indicator turns OFF)
- Long range (1-meter) wire / rubber duck antenna (+3dbi)
- Compatible with high power transmitters FBX7xx series

Technical details:

Operating frequency: 380 – 480 MHz

System works on signal hop mechanism. Reception happens at more than 12-15 predefined frequencies

CRC on data payload: Enabled

Packet Error Rate: PER (1%)

Redundancy packet feature: Enabled

fOsc = 32MHz

Modulation type: GFSK

Radio IC: CC1100 (Chipcon/TI) and equivalents in sub-GHz freq.

Receiver sensitivity: – 112 dbm

Operating voltage of the transmitter: 12VDC

Operating temperature: 25 ° C

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.

Application and features:

- Motor pump controllers
- Conveyor belts ON/OFF switch
- Panic alarm in buildings (in case of emergency)
- etc.

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