



**Precautions and mounting locations:**

- Should not directly connect to motors to avoid initial boot up surge currents
- Can be mounted on wall with keyholes
- Easy mounting with 4 screws to secure it tightly
- IP55 metallic enclosure weatherproof unit
- IP65 ABS for electronic circuits (internal box)
- Antenna keep away from metallic surfaces

**Wall mount calling unit:**

Enclosure type: IP 65 (color grey)  
 Size: 290 x 250 x 125 mm  
 Weight: 980gms

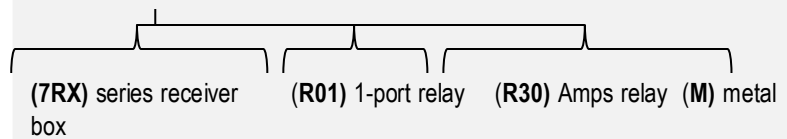
**Application and features:**

- Motor pump controllers
- Panic alarm in buildings (in case of emergency) etc.

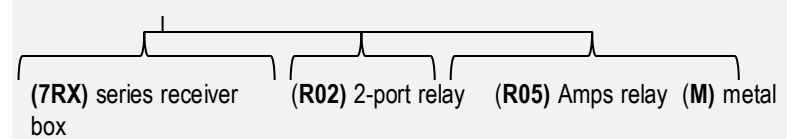
**Operating voltage:**

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.

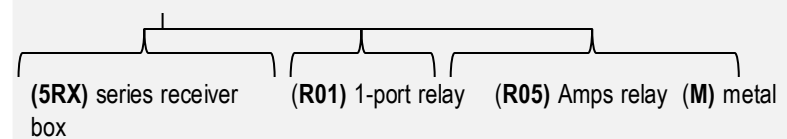
**FBX7RXR01R30M 1-port signal receiver (wall mounted)**



**FBX7RXR02R05M 1-port signal receiver (wall mounted)**



**FBX5RXR01R05M 1-port signal receiver (wall mounted)**



**Features:**

- Single channel receiver (300-500m 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
- 5xx/7xx transmitter signal triggers the relay ON/OFF
- Metal antenna
- Compatible with transmitters of FBX5xx and FBX7xx series

**Technical details:**

Operating frequency: 315– 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

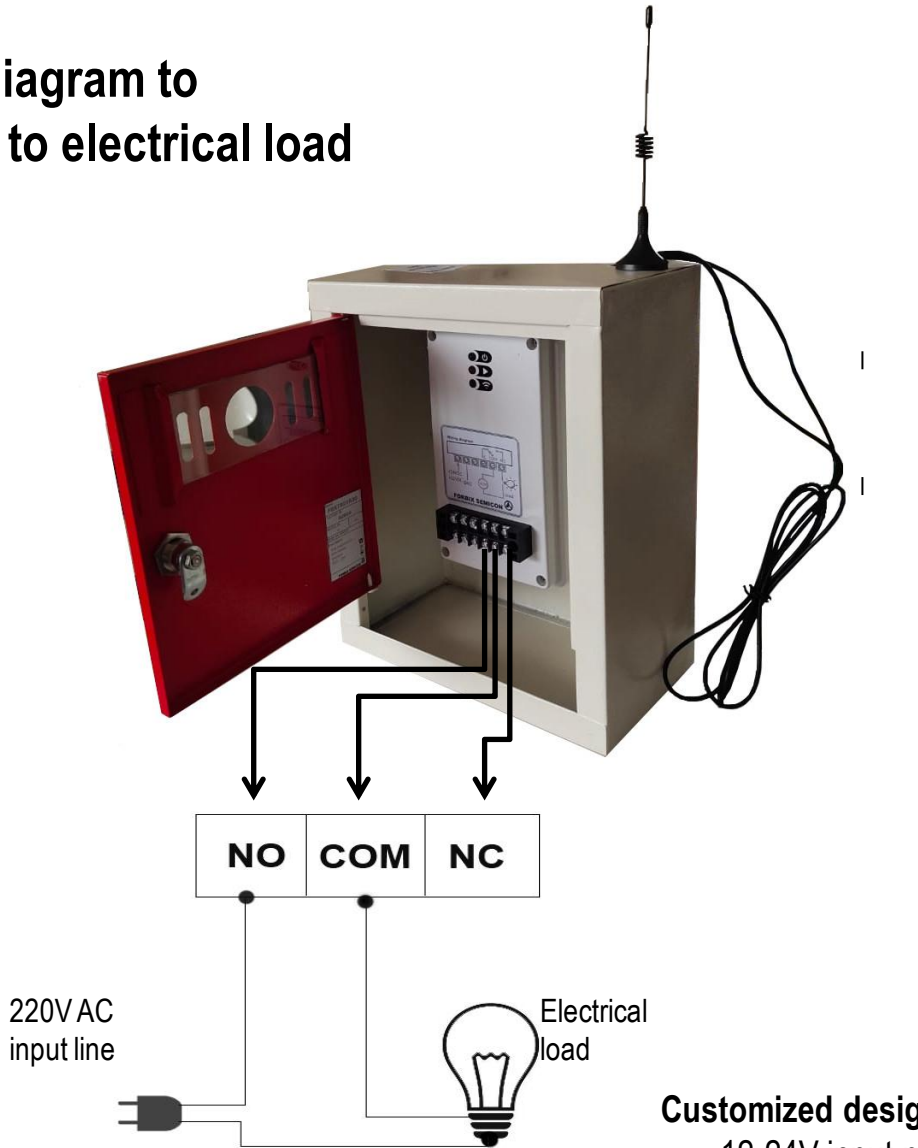
FORBIX SEMICON INDIA PVT. LTD.  
 Bangalore, India  
 Website: <https://www.forbixindia.com>  
 +91 9742370190 / +91 9742159846

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

Email: [sales@forbixindia.com](mailto:sales@forbixindia.com)



## Wiring diagram to connect to electrical load



### Customized designs:

- 12-24V input power supply
- Reverse connection protection circuits
- Internal buzzing sound
- 1 or 2 port relay contact points

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

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

Email: [sales@forbixindia.com](mailto:sales@forbixindia.com)