

# FBXPC02D: Wireless motor pump controller

## Technical specification



Motor pump controller  
Model : FBXPC02



Wireless remote  
Model : FBX622

### Wireless motor pump controller to trigger DOL starter

Model: **FBXPC02D**

#### Range of communication:

50 – 60 meters indoors

200 – 400 meters outdoors (line of sight)

#### Remote controller (hand held):

Battery operated (12VDC), battery type: 23A

Battery life 2-4 years

Battery replicable: Yes

Remote controller size: 120 x 40 x 20 mm

Remote controller weight: 45 gms

#### Pump controller receiver (wall mount):

Operating voltage: 12VDC

(110-220VAC-50/60Hz to 12VDC adapter supplied)

Remote controller size: 240 x 140 x 80 mm

Remote controller weight: 480 gms

#### Remote buttons:

Top => to turn ON the pump

Bottom => to turn OFF the pump

The radio receiver unit drives the START (green) and STOP (red) button of the DOL starter.

#### Indicators for pump controller receiver:

Power: GREEN

Sync: BLUE

Remote mode: RED

Manual mode: RED

Start contactor: YELLOW

Motor ON: GREEN

#### Contactor points:

2 nos. of potential free relay contactor (20Amp) capacity @ 220VAC. Start contactor (momentary ON) to activate the motor start. Start contactor is in parallel connection to the start button of the starter. Second contactor (in series to the stop button) for turning off the motor

#### Application and features:

Turning motor pump ON/OFF from a distant location

Automation / manual mode of operation

Automatic mode: Remote controller used to turn ON/OFF

Manual mode: Existing pump starter used to turn ON/OFF (In manual mode, remote controller signals are bypassed)

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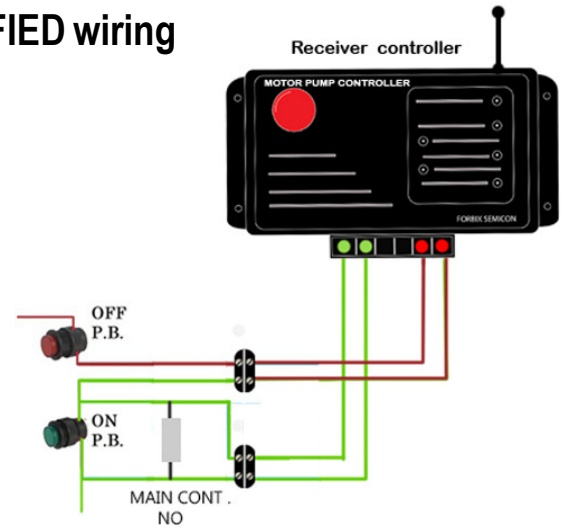
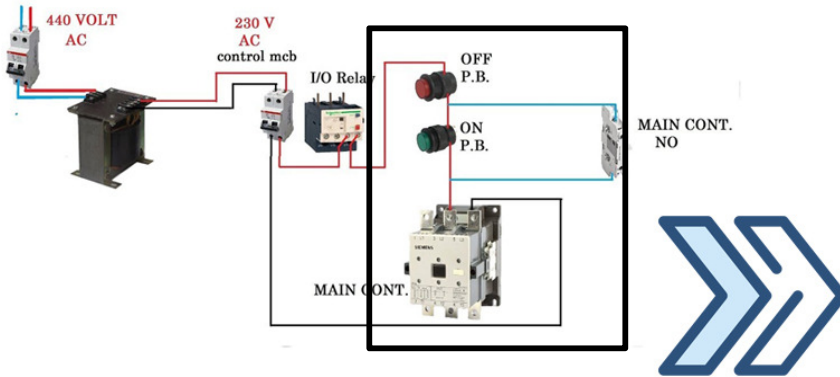
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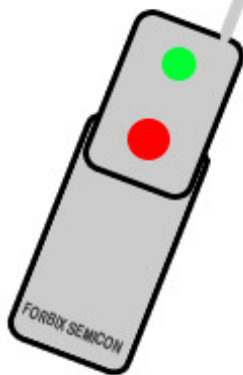
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## DOL (Direct On Line) starter EXISTING wiring

## DOL (Direct On Line) starter MODIFIED wiring



Wireless remote  
Model : FBX622



Wireless remote

