

# FBXPC03A : Wireless motor pump control system

## Technical specification



### Model: FBXPC03A

#### Range of communication:

2 – 3 kilometers 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: 12VC

(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

#### Pump controller buttons:

RED button: Not pressed (default) => Remote mode

RED button pressed => Controller in manual mode

#### Indicators for pump controller receiver:

Power: GREEN

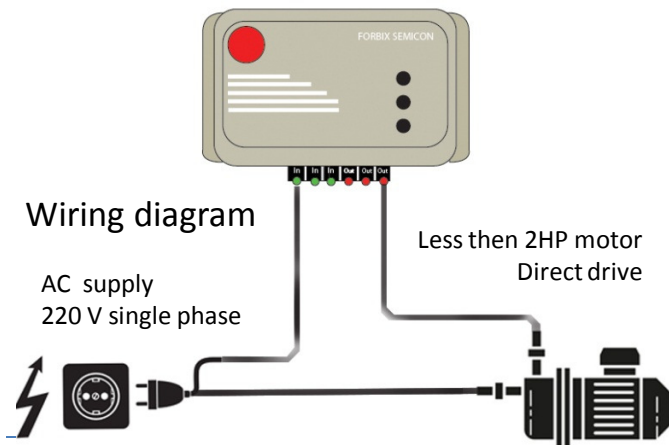
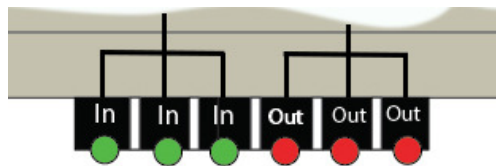
Sync: BLUE

Remote mode: RED

Manual mode: RED

Start contactor: YELLOW

Motor ON: GREEN



Wiring diagram

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>

+372 880 1510

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

#### Contactor points:

1 nos. of potential free relay contactor (30Amp) 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)

# Connection diagram wireless pump control FBXPC03A

