(**Suitable for pump / motor capacity less than 2HP**)

~ 100 - 150 meters in open line of sight

Direct drive less than 2HP motor

Wiring diagram to connect the motor/pump directly to the main AC supply.
Additionally, 12 volt DC supply needed to power up the controller receiver (provided along with the set)

FORBIX SEMICON ®

Model: FBXPC01A

Range of communication:
20 – 30 meter indoors
100 – 120 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)
Pump controller size:240 x 140 x 80 mm
Pump 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
Motor status: RED
Manual / Remote mode: RED (indicator near the switch)
[Please note]: The receiver will not respond to remotes in manual mode (when the RED latch button is pushed.

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)