

## **ECONOMY BOREWELL**

A base model controller designed for Pushbutton Type Bore well Starters. Ideal for water pumps up to 1-HP it offers seamless water level control for residential and commercial applications. Say goodbye to manual monitoring and embrace the convenience and reliability of our base model controller for efficient water pumping



Starter Panel Compatible Pushbutton Type
Aux Supply 230V 50 Hz AC

Sensing Signals 12v AC
Power On delay 30 Sec

Dry run delay on starting

Dry run delay on running

10 Sec

High Volt

Low Volt

180V

Capacity Upto 1 Hp Direct Load

Mounting On clamp fitted on wall /wall mount

Sensing Distance Standard Up to 300 Meter

Auto/Off/Manual Switch Rocker switch 16a dpdt center off

Relays RII relay in series with on & off Phase terminal

RI2 on relay in parallel to on pushbutton terminals

Operations mods Automatic,Manual

Indications 1. Power on

2. Dry run/Voltage Protection

3. Water level indications

4. Motor on

5. Water flow

Automatic mode Water in tank drop below pre-set low level pump automatically on

Water in tank fills up to pre-set high level pump automatically off

Manual Mode Need to start and stop manually

Dry run/Voltage protection not working

Reset function In order to reset the dry run fault

for emergency re-filling



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Pump on condition Water in tank drop below preset low level

By pressing reset switch

Pump off condition Water in tank fills up to preset high level

If the controller detects a dry run fault

if the controller detects high or low volt

Sensors

Level indicators on tank

High level,Middle level,Low level,Bottom level(common)

Dry-run Sensor on inlet pipe of overhead tank

Enclosure type ms Powder coated

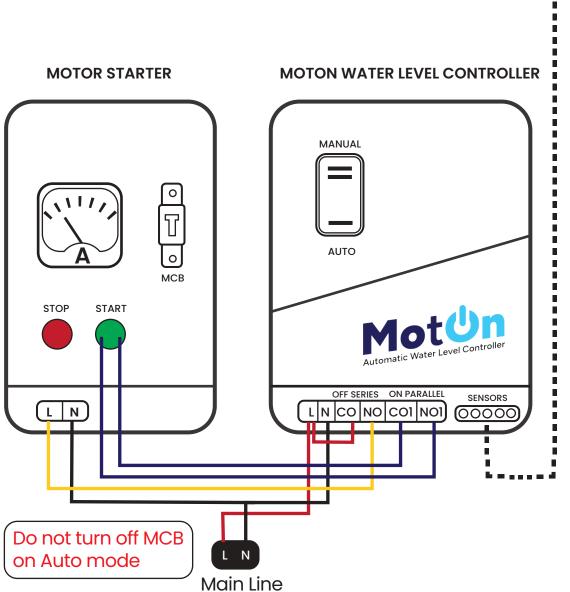
enclosure size 160mm x 125mm x 50mm (lbh)

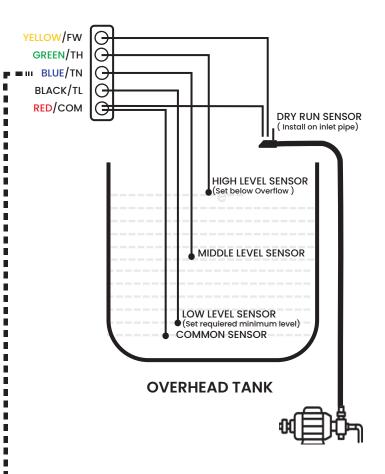
protection IP20

## **CONNECTION DIAGRAM NEXT PAGE**

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## WIRING DIGRAM FOR PUSHBUTTON TYPE STARTER









Scan for installation videos