

MotOn
Automatic Water Level Controller

AUTOCHANGE CONTROLLER

The Moton system is designed for spaces with two motors and one tank. It offers the flexibility to use borewell, open well, or a combination of both water sources. With a motor selection switch, you can easily switch between different motors. The pump can be operated automatically or manually, giving you full control over your water supply.



Data Sheet

Starter panel compatible	MCB/DP Type & Pushbutton Type
Aux supply	230v 50 Hz AC
Sensing signals	12v ac
Power on delay	30 sec
Dry run delay on starting	180 sec
Dry run delay on running	10sec
High volt	260 Volte
Low volt	180
Capacity	Abow 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 centre off
Relays	RI1 relay in series with on & off Phase terminal RI2 off relay in series with off pushbutton terminal RI3 on relay in parallel to on pushbutton terminals
Operations mods	Auto, manual
Indications	1. Power on 2. Dry run/voltage protection 3. Water level indicators 4. Motor on 5. Water flow
Auto 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



Pump on condition

Water in tank drop below preset low level

By pressing reset switch

Pump off condition

Water in tank fills upto preset high level

If the controller detects a dryrun fault

If the controller detects high or low volt

Sensors

High level,low level,middle level,bottom level(common)

Level indicator on tank

dryrun sensor on tank

Dryrun

Ms powdercoated

Enclosure type

160mm x 125mm x 50mm (lbh)

Enclosure size

IP20

Protection

CONNECTIO DIAGRAM

