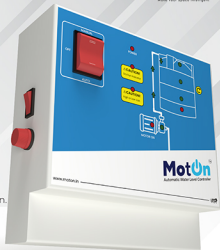


MotOn
Automatic Water Level Controller

BOREWELL WITH CONTACTOR

Introducing our exceptional model designed specifically for borewell motors. With its ability to handle high ampere consumption, it ensures robust performance while prioritizing safety. Equipped with an inbuilt contactor, this model eliminates the risk of electrical arcs caused by high ampere draw. Say goodbye to safety concerns and welcome a seamless and secure operation.



Data Sheet

| | |
|---------------------------|---|
| 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 | 180 sec |
| Dry run delay on running | 10sec |
| High volt | 260 Volte |
| Low volt | 180 |
| Capacity | Can connect any 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 off relay in series with off pushbutton terminal RI2 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 |



| | |
|-------------------------|--|
| 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 | |

CONNECTION DIAGRAM

