

WARRANTY:

This ALL ABOUT ELECTRONICS Automatic water level controller is warranted against any defect due to defective material or workmanship for 12 months from the date of purchase, should a defect develop during the period of warranty.,

ALL ABOUT ELECTRONICS undertake to replace the apparatus FEE OF CHARGE at the dealer point from where the product was purchased or any of the ALL ABOUT ELECTRONICS Authorized service center.

THE WARRANTY IS NOT VALID IN CASE:

1. Proof of purchase is not available.
2. The apparatus is not used according to this manual
3. Defects are caused by improper or reckless use
4. The serial number is tampered with
5. Any repairs are done by persons other than all about electronics authorized service center
6. Defects due to cause beyond control like lighting , abnormal voltage, act of god or while in transits to the purchaser's residence

Product SI No. _____ Date of Purchase: _____
Customer Name and address: _____

Product improvement is a continuous process. For the latest information and special applications, please contact our office listed here.



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AUTOMATIC WATER LEVEL CONTROLLER



MODEL NO.: WLC-01 EX

Congratulations upon your selection of ALL ABOUT ELECTRONICS automatic water level controller...!!

This Unit provides you fully automatic control of your water pump as per water level in tank.

PRODUCT CONTAINS:

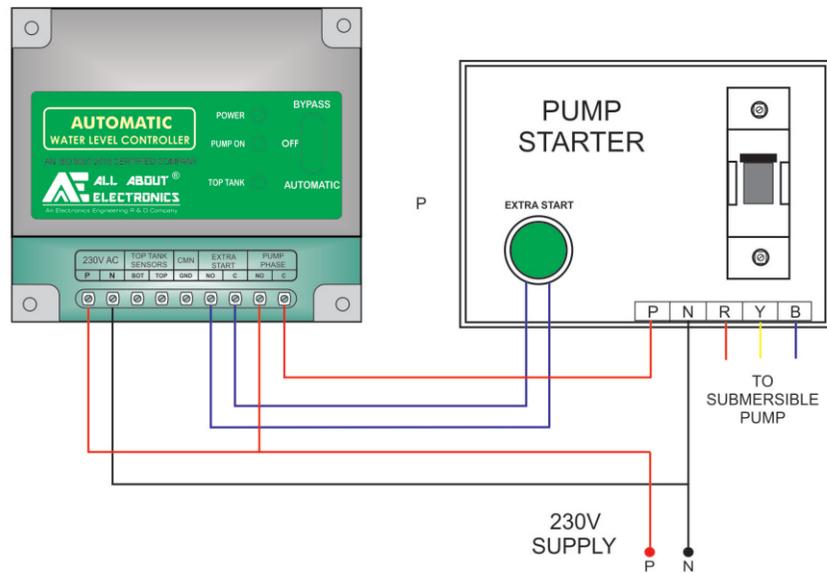
- Automatic water level controller unit ----- 1
- Sensors (Two sensors for Top tank) ----- 2
- Screw with wall plugs ----- 4

INDICATIONS:

There are Four indications LED'S in Water level controller unit.

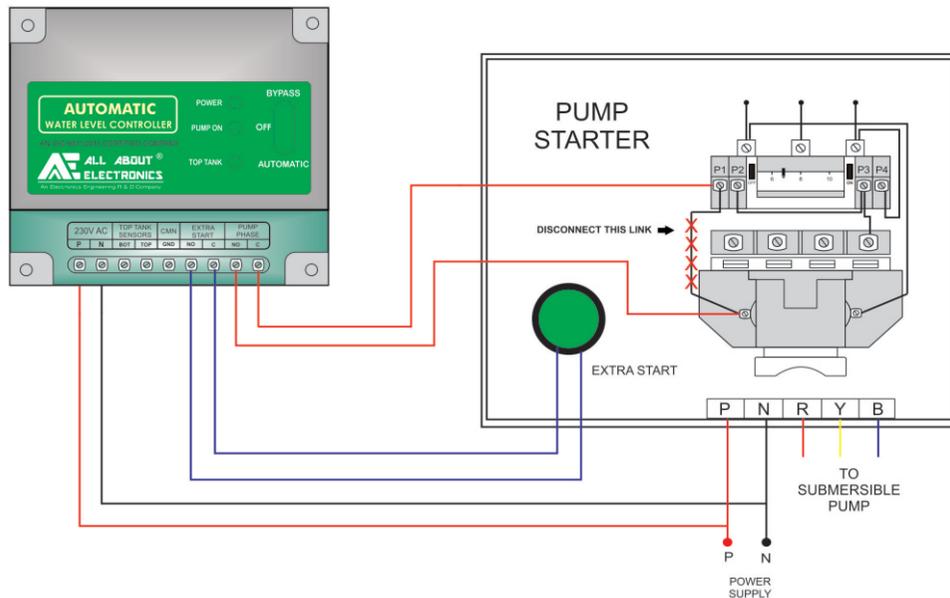
1. **POWER** : It indicates that Unit is powered ON.
2. **PUMP** : It shows status of pump (Pump is on or off).
3. **TOP TANK** : It shows status of TOP Tank.
4. **BOTTOM TANK**: Not useful in this model.

SINGLE PHASE MOTOR WITH MCB TYPE STARTER WIRING DIAGRAM:

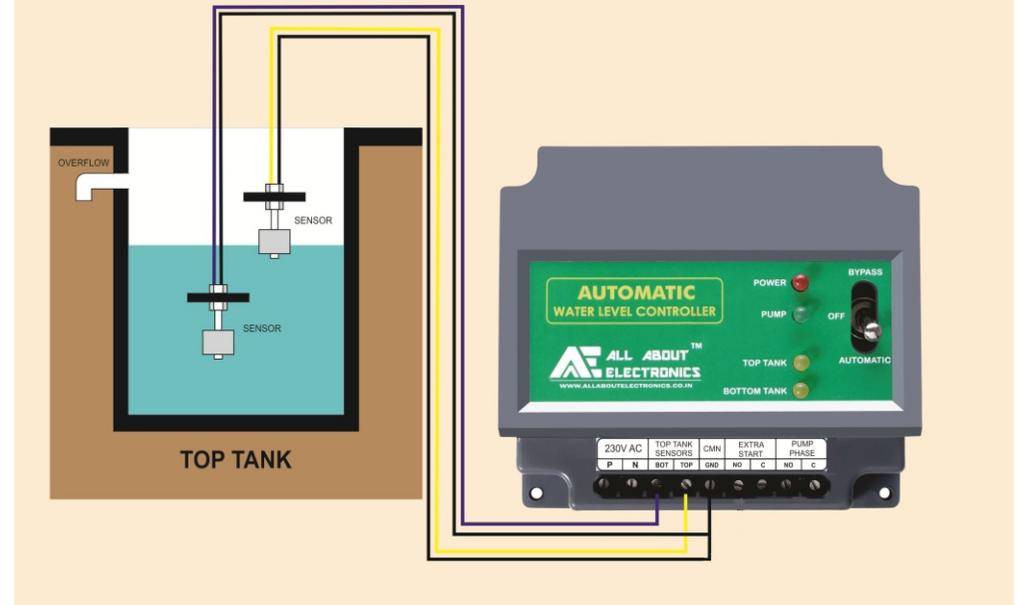


Note: More than 2HP Pump in this configuration can damage water level controller.

SINGLE PHASE SUBMERSIBLE WITH D.O.L. RELAY TYPE STARTER WIRING DIAGRAM:



SENSOR INTERFACING DIAGRAM



HOW SYSTEM WORKS :

Automatic water level Controller have Three working mode.

1. AUTOMATIC MODE :

To operate system in automatic mode toggle switch must be on AUTOMATIC position. As its name suggest, in this mode motor Turn ON and OFF Automatically. It detect water level in tanks based on sensors inside tank. Upper tank contains two sensors one to detect EMPTY tank (Blue Wire Sensor) and one to detect FULL tank (Yellow Wire Sensor). When water in upper tank falls from Blue Wire Sensor, it sense by unit and it turn ON water pump. Same way when water in upper tank reach at top sensor level sensor sends OFF command to unit and unit will turn OFF water pump. This is Extra Start Model, which has functionality to provide Extra Start relay output for two second on every pump startup to Pumps.

2. MANUAL MODE:

Suppose due to any technical error in unit or sensor, unit may do malfunction. Than user have option to switch system in bypass mode. In this mode system 'NO' and 'C' terminal of 'Pump Phase' becomes internal short, and system become BYPASS. So now user can turn ON and OFF Motor using his/her traditional method.

3. OFF

In OFF condition contact between 'NO' and 'C' terminal of 'Pump Phase' become open. So Pump Remain Turned OFF.