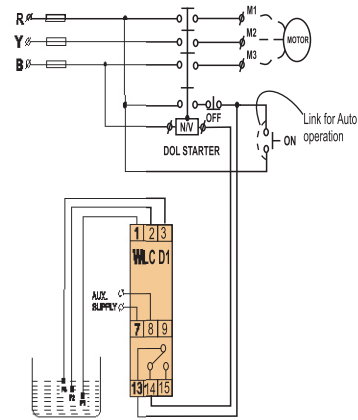


TECHNICAL DATA SHEET FOR WLC D1

minilec®

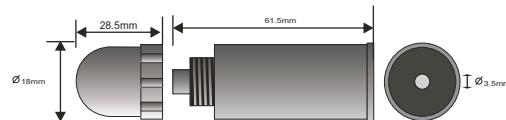


WLC D1 is a Water Level Controller operating on electrical conductivity principle for controlling the pump operation automatically at two desired Water Levels in either the Overhead tank or Underground water tank / borewell.

TECHNICAL SPECIFICATIONS OF WLC D1

1. **Auxillary supply voltage**
24 VAC/DC/100-120/220-240/380-440 VAC
±10%, 50/60 Hz
2. **Frequency** : 50 Hz/60Hz ±3%
3. **Power consumption** : 3VA
4. **Input Sensor** : 3 Nos.
Stainless steel prods
5. **Sensitivity** : 1 KOhms - 200 KOhms
6. **Output relay & contact rating (Resistive)**
: 1 Changeover Contact & 5A, 240 VAC
7. **Operating conditions** :
Temperature : -5°C to 60°C
Humidity : Upto 95% RH
8. **Life Expectancy** :
0.5 x 10⁶ operations at 100% rating.
9. **Trip setting** :
According to the levels of sensor placed in the water tank.
10. **Trip Time Delay (secs)** :
Less than 1 sec.
11. **Resetting** : Automatic
12. **Indications** :
Power on : L1(Green) Relay on: L2(Red)
13. **Enclosure** : ABS
14. **Mounting** :
35mm rail mounting & panel mounting.
15. **Sensor Weight (gms) approx.** : 50 each
16. **Sensor dimensions overall(mm)**
(Single Prod) : Ø 24 x 76 (L)
17. **Unit Weight (gms) approx.** : 300

INPUT SENSOR DIMENSION



Suitable for Panels in Following Applications:

Garment Machineries
Textile Machineries
Booster Pump Control Panels
Water Distribution Pumps House
Boilers
Suitability for Water Cooled Machines
Submersible Pump Control Panel
Heat Exchanger
Package Boiler in Sugar Factory
Soda Machine
Steam Generators
Captive Power Plant

Our Other Products

Alarm Annunciator, Motor/Pump Protection Relays, EOGR,
Phase Failure Relay + UV / OV Relays, Voltage/Current/ Frequency/
Reverse Power Monitoring Relays,
Earth Fault/ Leakage Relays, Pump Automation Management system
& Controllers, Water Level Controller,
Electronic Timers, Power Line Transducers
(V/I/KW/Multi-function/DC-DC Isolators or
Barrier/Temp/Resistance/Tap position etc.),
Multi-function Meter, Twin Window/Split AC Controller,
Bearing temp Monitoring relays(PT-100)