

MULTISPAN WATER LEVEL CONTROLLER WLC 35

Johannesburg Branch
MIMIC COMPONENTS
Cape Town Branch
Mimic Cape



FEATURES

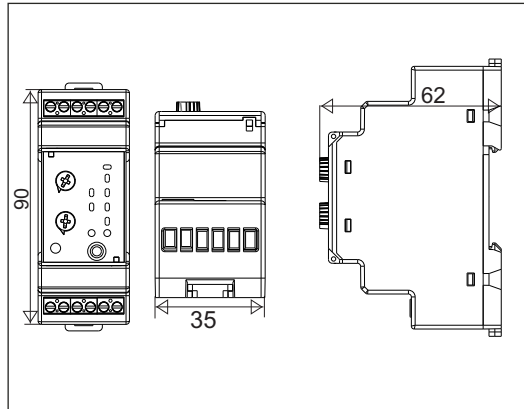
- Delay Time (0-10) Sec.
- High & Low Level Indication Led for Lower & Tank
- Compact & sleek design
- Sensitivity Adjustable : 1K to 1M ohm
- Pump protection from Dry run & Overflow condition
- Used for drain & fill control
- High & Low level indication Led For Uppertenk

Technical Specification

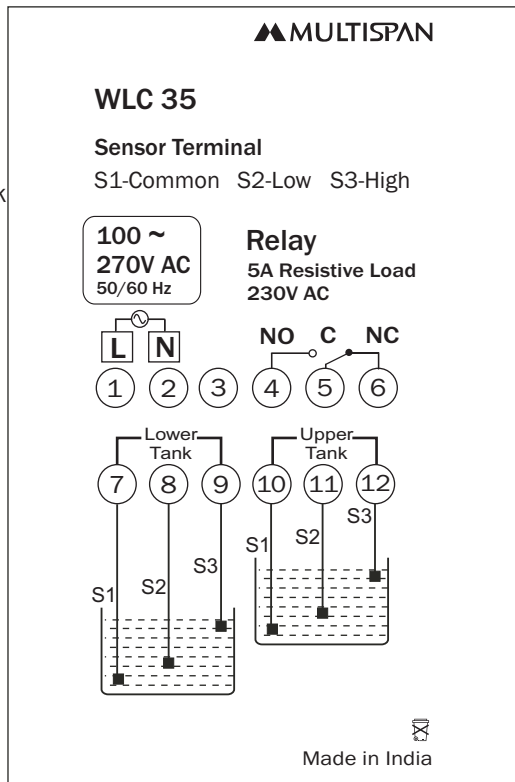
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|---------------------|--|
| Model | WLC 35 |
| Power Supply | 100 - 270V AC,50/60 Hz,3VA |
| Input Sensor | 6 nos. prods S1 : Common S1 : Common S2 : Low S2 : Low S3 : High S3 : High |
| Indications | LED 1 : Relay LED 2 : High Level (Lower) LED 3 : Low Level (Lower) LED 4 : Mains LED 5 : High Level (Upper) LED 6 : Low Level (Lower) |
| Sensitivity | 1 to 1Mega ohms |
| Reset | Auto |
| Trip Delay | 0 to 10 sec (Selectable) |

| | |
|----------------------|------------------------|
| Output | 1 Relay,1C/O (NO-C-NC) |
| Output Rating | 5Amp,230V AC(Res.) |
| Dimension | 90 x 35 x 62 |
| Mounting | Din Rail Mounting |

Mechanical Dimension



Terminal Connection



Safety Precaution

All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If all the equipment is not handled in a manner specified by the manufacturer, it might impair the protection provided by the equipment.

Read complete instructions prior to installation and operation of the unit.

WARNING : Risk of electric shock.

Caution

Ensurrements of your WLC 35.

- 1) Ensure the connection as per terminal diagram.
- 2) To be Handle by only authorized and person.
- 3) Not installed near any heat sources like burner, electric arc.
- 4) Installed as near to the starter as possible.
- 5) The sensor prods are suspended from the top opening of the water tank in PVC conduct piping. Metal pipes should not be used.
- 6) The sensor prods should not be wall mounted on metallic water tank.
- 7) Adjust the sensitivity of water resistance given on front plate.

Logic Selection

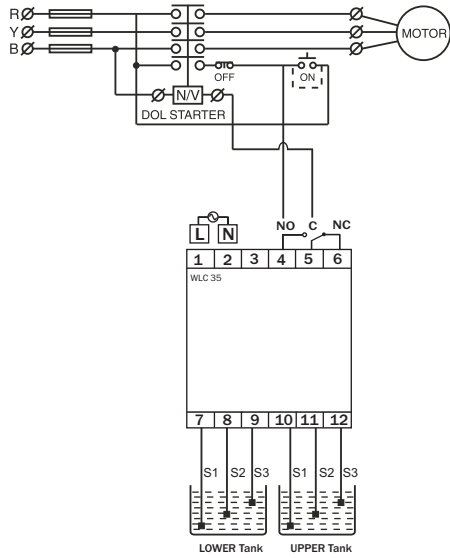
WLC 35 can be operate either in Upper tank logic using output relay contact terminal 4 & 5 (NO-C),

Upper tank & Lower tank Logic

There are 3 water level sensor S1,S2 & S3 In the upper tank will give the upper tank only when the lower tank is filled with water and the motor will automatically show off when the upper tank is full.

Using the relay contact terminal 4 & 5 Puts the Prod S1,S2,S3 in upper water tank. The Pump motor will start automatically if lower tank is full and upper tank is empty. And motor will stop automatically when upper water tank is full.

Two Level Controller For Both Tank



TESTING CHART

| Sr. No. | LOWER TANK | | | UPPER TANK | | | RLY STATUES |
|---------|------------|-----|-----|------------|-----|-----|-------------|
| | S1 | S2 | S3 | S1 | S2 | S3 | |
| 1 | IN | IN | IN | IN | IN | IN | OFF |
| 2 | IN | IN | IN | IN | IN | OUT | OFF |
| 3 | IN | IN | IN | IN | OUT | OUT | ON |
| 4 | IN | IN | OUT | IN | IN | OUT | ON |
| 5 | IN | OUT | OUT | IN | IN | IN | OFF |
| 6 | IN | OUT | OUT | IN | OUT | OUT | OFF |
| 7 | IN | OUT | OUT | IN | IN | OUT | OFF |

Specifications are subject to change, since development is a continuous process. For more updated operating information call 011-689-5700. Ver:2106