

KURA INDIA

Automatic Water Motor Controller (4HP)

User Manual

Please read this manual before Installing this system,
and keep it for future reference.



Kura India provide products for home, offices, industries, automobile and smart city. We believe in technology driven innovations for everyone and provides reliability & complete satisfaction to the customer by reducing the human error and electricity consumption as well as giving you an effortless comfortable modern life style.

Our Products are futuristic in terms of technology and give you the sense of luxurious lifestyle. We are dedicated to build the product which are automated as well as energy saving and that too in pocket friendly prices.

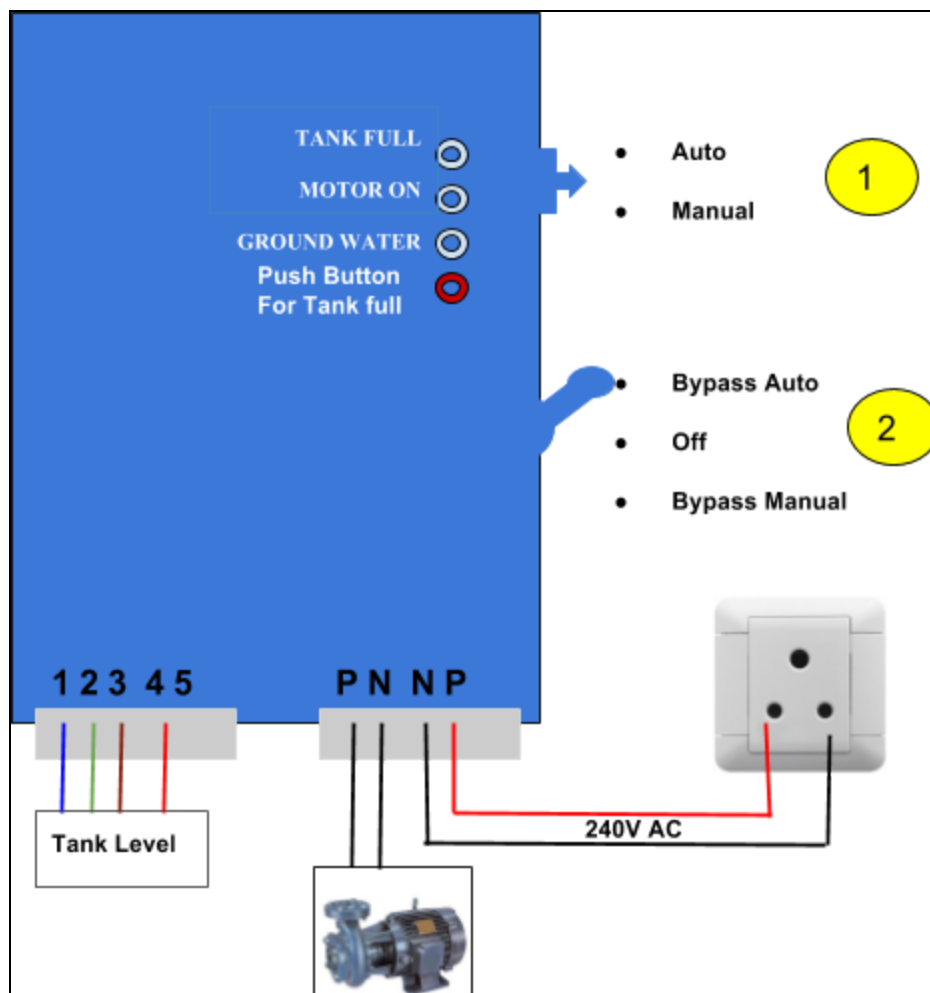
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Wiring Diagram :

कृपया ध्यान दें:- यदि आपको automatic mood में मोटर को चलाना है तो बटन न. 1 व 2 दोनों की auto mood में ही रखे.



Automatic Water controller :

Overview :

Kura India Automatic water motor controller is a fully automatic water pump controller or water level controller for your home and industry. It is suitable for single phase upto 4HP motor. It continuously monitors the liquid level of the overhead tank and reservoir. The Automatic pump controller controls the water pumps and turns it ON and OFF with respect to the level in the water tank. This auto-switching feature saves manpower. Hence no need to operate manually. Our system switches the pump when the level of water in the tank goes below LOW level and OFF when the water exceeds the HIGH level. Thus no wastage of water, stop tank overflow, save water, electricity bill, time and water charges.

LED Indication :

On the front of Automatic Motor controller (4 HP) 3 leds are showing detail mentioned below

1. TANK FULL : This Led glow when Tank is full or overflow.
2. Motor On : This Led Glow when Motor is On state.
3. Groundwater : This Led Glow when groundwater is available. Always glow internally shorted.

Switches :

1. Restart : This is a Push on type switch, Automatic water controller has a smart switch feature. This switch is used for manually on the motor, when we press this switch motor start instantly and automatically Motor off with tank full or overflow.
2. On Off Switch : This switch is use for selection of DC auto mode and DC Manual Mode.
3. Toggle Switch : This switch is used for selecting auto and manual mode.
During Auto mode motor start and stop with respect to water level. When water level goes below than low level motor turn ON and OFF when Tank is full.
During Manual Mode or Bypass mode Motor Turn ON forcefully. It required manually motor turn ON and Off.

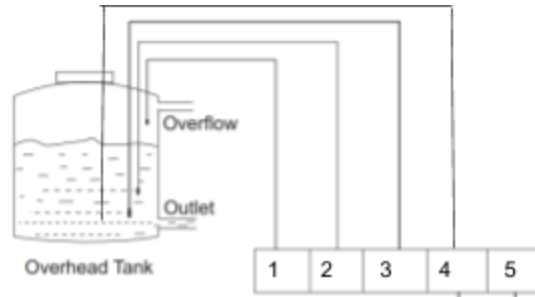
Sensors :

Automatic water controller is able to sense the overhead tank. For this we are Port 1, 2, 3 & 4 are using.

Note : Port 5 should be shorted (internally) at ground water available for 24 x 7.



Sensor Connection :



Technical Specification :

Supply Voltage	230V AC, 50Hz.
Internal Voltage	12V DC
Compatible with	Single phase motor
Output	230V AC, 50Hz.
Contact rating	30A Ac
Power Consumption	1.2 Watt
Monthly Consumption	1 Unit
Temperature	-20 to +70 degree Celsius
Dimension	190mm x 210mm 75mm
Weight	900 gm.
Manual switch Contact rating	15A
Protection	High Voltage, Low Voltage, High current ,Low Current
	Water overflow, Dry Run, Groundwater (optional)