

WATER LEVEL CONTROLLER

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This prevents the dry run of pump in event of the low water level in storage tank.

Low Level Sensor

It will switch of the booster pump in the event of water goes below the set level of sensor it will avoid the dry run of the pump.

High & Low Level Sensor

High & Low water level pump controller is recommended to switch on and off the pump by maintaining water level in the tank in case of using booster pump for filling the tank. Once the water goes below the low level sensor of controller will allow the pump switch on automatically. Moreover, once the water level is on high set level the sensor will shut off the pump automatically. It also has the provision for manual operation through which pump can be operated manually by pressing the toggle switch to manual position.

PUMP START RELAY



Type MPC
Enclosed Version Plug-in-connection

Coil-data(All values at 27°C + 2°C ambient)

Nominal Voltage	Resistance in ohms + 10%		Must operate voltage
	DC Relays	AC Relays	
6	30	7	5
12	200	30	10
18	390	—	15
24	500	110	20
48	2250	440	40
110	10,000	2400	90
220	30,000	—	180
240	—	9500	180

Specifications

Contact Material	Silver Alloy
Initial Contact Resistance	0.050 ohms(max.)
Ambient Temp	-25°C to +55°C
Dielectric Strength	2KV between contacts or coil to ground
Insulation Resistance	100 Meg-ohms min. at 500 VDC at 27°C & 65% R.H.
Operate Time	0.020 sec. max. at voltage
Release Time	0.010 sec. max. at voltage
Life Expectancy	106 operations at rated load
Max. Weight	MCO 60gms. MCC 80gms. MPC 90gms.
Impulse	5KV