

# GIDPC SINGLE PHASE

SINGLE PUMP, SINGLE PHASE (1.5 TO 15 A EACH)  
TWO PUMPS, SINGLE PHASE (1.5 TO 15 A EACH)

GIDPC single phase is a Digital Pump Controller for domestic application, which is easy to use - programmable device for single phase pumps (mono-block or submersibles which require only running capacitor). It can be used to control the pumps up to 15 A.



## FEATURES

- LCD screen displays pump running information
- Push button calibration
- Overload protection
- Motor stalled protection
- Dry run protection without installing a float switch
- Under voltage protection (Default settings can be changed)
- Over voltage protection (Default settings can be changed)
- Transient surge protection
- Memory function retention during power off & power recovery
- Visual & audio alarm for fault prompt
- DIP switch settings to make it suitable for different applications like water supply, drainage or pressure boosting
- Auto/Manual switch
- One set (03 nos.) of liquid level probes for clear water that comes along with the panel

## Main Technical Characteristics

Control characteristics	Level control (with probes for clear water or with floats)
	Pressure control (with pressure switch)
Working modes	Manual/Auto
<b>Main Technical Data</b>	
Rated output current (amperes)	1.5 to 15 A
Rated output voltage	AC 220 V / 50 HZ / Single Phase
Trip response time of over load	5 sec - 5 min
Trip response time short circuit	Less than 0.1 sec
Trip response time of under/over voltage	Less than 5 sec
Trip response time of dry run	6 sec
Recovery time of over load	30 min
Recovery time of under/over voltage	5 min
Recovery time of dry run	30 min (or this can be set manually)
Trip voltage of over voltage	253 Volts (or this can be set manually)
Trip voltage of under voltage	175 Volts (or this can be set manually)
<b>PROTECTIONS COVERED</b>	Dry run (without float/probe)
	Current Overload
	Transient surge
	Under voltage
	Over voltage
	Pump stalled
<b>Permissible ambient temperature</b>	-5 °C to +50 °C
<b>Degree of protection</b>	IP 55

## PRODUCT RANGE

Part Code	Model	Voltage (V)	Current I (A)	Number of Pump	Dimensions			Panel Protection	Weight [kg]
					L	W	H		
98719424	GIDPC 1 Pump, 1 Phase, 15A	1 X 220	Up to 15 AMPS	1 W	225	225	100	IP 55	1.5
99575830	GIDPC 2 Pump, 1 Phase, 15 A	1 X 220	Up to 15 AMPS	1W+1S	320	420	138	IP 55	5.5