

PRODUCT DATA SHEET



MODEL	1X1-T
Configuration	Single Phase, One Pump
Available Ratings	18A

APPLICATIONS OFFERED

Re-Circulation – Temperature Control ON/OFF (Via Pt-100)	Re-Circulation – By built-in Real Time Clock
Re-Circulation – By built-in Asymmetrical ON/OFF timer	WATER TRANSFER - By using probes or float switches
DRAINAGE - By using probes or float switches	WATER SUPPLY - By using probes or float switches
PRESSURE BOOSTING - By using pressure switches	Built-in Real Time Clock can be applied to any of the applications

PROTECTIONS OFFERED

Sensor-Less Dry Running	Under Voltage
Current Overload	Over Voltage
Pump Stalled (Locked Rotor)	

FEATURES OFFERED

Multi-application in-built "Water Level Controller"	Built-in temperature controller
One touch calibration of parameters	RS 485 port for Modbus connectivity
Running Capacitor compatibility	Auto mode lock provision
Display of "Time left" to Start / Stop	Day wise multiple start stops settings
Audio and Visual alarm for faults	"Last 5 faults" and "Run Hours" log for both pumps
Digital display of all parameters	Advance settings menu to change set values
Auto recovery from most faults	Auto and Manual Modes

TECHNICAL DATA

Supply Voltage	220V \pm 10%	Control Voltage	12 V DC
Max. amperage load	18A	Com. Port	RS 485
Min. amperage load	1.0A	Comm. Protocol	MODBUS RTU
Degree of Protection	IP55	Connector	2 Wire (+ and -)
Operating Temperature	-10 to 55 deg. C	Comm. Speed	1200 / 2400 / 4800 / 9600 / 19200 bps
No. of pumps control	One	Parity	Odd / Even / None
Power Rating	0.37 to 2.2kW	Unit Dimensions	225 x 275 x 110 MM