

MOTCON V2

AUTOMATIC WATER LEVEL CONTROLLER

Saron
Innovature labs



NOW EVERYTHING IS AUTOMATIC...

LET'S SAVE THE
WATER TOGETHER

- **Motcon V2 is specially designed for automatic control of pump sets along with tank water level indication and dry run protection.**
- **The intelligent system automatically switches ON the pump set when the tank water level drops to a certain level and switches OFF the pump set when the water level reaches full.**
- **Motcon V2 uses Microcontroller based Intelligent circuit.**
- **The level sensors are made of corrosion-free and highly reliable magnetic read switches for a long life span.**
- **Overhead tank / Sump water level sensing.**
- **The pump set will be switched OFF if the system detects dry run situations due to pump set or plumbing problems and will raise the audible alarm.**
- **The pump set does not turn ON at high/ low voltage.**
- **The system uses a 16x2 LCD character display as the graphical user interface.**
- **The display indicates live AC voltage, pump status, tank level status and dry run status.**
- **Aesthetically designed for safe and easy installation and maintenance.**
- **Motcon V2 reduces the waste of water and saves you time and money.**

MOTCON V2

AUTOMATIC WATER LEVEL CONTROLLER

Every
DROP
Counts

SENSOR UNIT



CONTROLLER UNIT



Sensors set data sheet

Sensing parameter	Tank low, Tank full, Dryrun
Water level sensing	Magnetic read switch
Dry-run sensing	Stainless steel probe
4 Core wire length	10 meter, 6mm Diameter
Dry-run sensor wire length	1.5 meter
Low level sensor wire length	2 meter
High level sensor wire length	1 meter
Tank mounting	Two 5mm self screw
Mounting socket material	Poly propylene
Mounting socket Protection	IP65
Total unit length	12 meter
Weight	460 gm

Controller data sheet

Mode of operation	Wired
Control characteristics	Manual/ Auto
Control method	Overhead & Sump Tank
Rated output power	0.37.KW - 1.86KW(0.5HP-2.5HP)
Rated input power	AC 230V/50Hz Single phase
Trip voltage of High voltage	260V
Trip voltage of Low voltage	175V
Trip response High/Low voltage	<10 sec
Trip response time of Dry run	5 sec
Recovery time of voltage	10 sec
Recovery time of Dry run	Manual
Output Load	All singlephase controll panels
Protection functions	Dry run
	High Voltage
	Low Voltage
	Transient surge
Unit dimention	155x140x56 mm
Weight	110 gms

