

MBH Control Max

Three Phase D.O.L. Pump Automatic Control Panel



ISO 9001
Certified Company

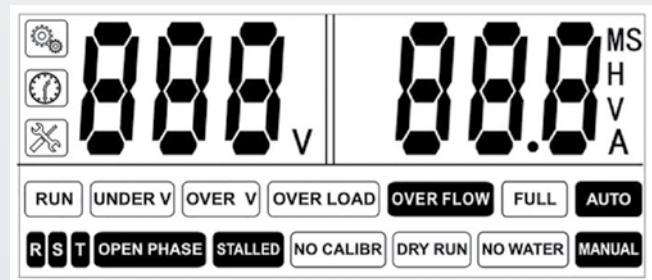
MBH[®]
PUMPS

MBH Control Max



HIGHLIGHTS

- SMART & INTELLIGENT
- Common Panel up to 10 HP
- LCD Screen displays all parameters like Voltage, Current, application data etc.
- LCD Screen displays faults in TEXT form
- Common Panel for all applications
- Extremely easy to install and commission
- Extremely user friendly as all info is displayed on LCD Screen
- Weather proof POLYCARBONATE enclosure



PROTECTIONS

Overload (By one touch Calibration), Over and Under voltage (Default settings can be set as per requirement), Sensor-less dry running, Phase failure on incoming as well as outgoing side (Current Sensing), Short Circuit (With MCB Model), Pump stalled etc.

FEATURES

Same panel can be used for different applications simply by changing the position of dip switches, Auto-manual mode, Audio alarm in case of each fault.

AUTOMATION FEATURES

Should you require a Fully Automatic model (Auto Start- Auto Stop) for tank filling, tank emptying, UG tank to OH tank, Dewatering or for Pressure Boosting application, this feature is available as optional.

LCD SCREEN TELLS YOU ALL

No more unnecessary site visits by your technicians as the user will be able to diagnose the problem, e.g in case of over voltage the system will trip, displaying "OVER V" and will give audio alert at regular intervals, the controller will reset itself and resume operation once the voltage is back to normal limit. Similarly for other faults it will display respective fault and resets after recovery time. In case of phase failure it tells you which particular phase is open.

Last but not the least every fault has its recovery time and no human intervention is needed for resetting.

MODELS AVAILABLE

1. BASIC (MANUAL START-STOP)
2. BASIC WITH MCB
3. FULLY AUTOMATIC (WITH MCB + AUTOMATION FEATURE)

INTRODUCTION

MBH Control Max is a smart and intelligent pump controller from our state of art range of MBH Control Max series pump controllers. It is an ideal choice for providing maximum protection to your expensive pumpset with built-in automation feature (in AUTO model). It not only provides smooth operation but also keeps the user informed of the status and faults if any in TEXT form on the LCD screen.

The best part of MBH Control Max is that the LCD screen displays all the parameters like voltage, current of pump, it displays each fault in TEXT form for easy diagnostics. Apart from a host of protections offered by MBH Control Max, it offers many "NEVER BEFORE" features like "Sensor-less Dry running" feature, due to this feature your pump will never run dry and one touch calibration and setting of overload and under load current parameters along with over and under voltage limits etc.

Pump series are supported by
MBH control Max panels.

PST series
DC series
BoreHole Pumps
Openwell Pumps



MBH Control Max

Comparison of Features & Protections Offered By Control Max vs. Others

Features & Protections	Offered By MBH Control Max	Offered By Others
Sensor Less Dry Running	Yes	No
Digital Display of Voltage	Yes	Mostly Analogue
Digital Display of Current Consumption of Pump	Yes	Mostly Analogue
Current Overload Protection	Yes	Yes
Settable Under & Over Voltage	Yes	No
Single Phasing On Incoming as Well as Outgoing Side	Yes	Only on Incoming Side
Display of Faults on Screen in Text Form	Yes	No
Choice of Using Probes or Floats	Yes	No
Same Controller Suitable for Tank Filling, Water Transfer from Under Ground Tank to Overhead Tank or Drainage Application	Yes	No
Common Controller for Ratings from 0.5 hp to 10 hp	Yes	No
Audio Alarm in Case Fault	Yes	No
Settable Recovery Time From Dry Run	Yes	No
Auto Recovery from Supply Faults	Yes	No
Auto / Manual Mode	Yes	Yes
Rust Proof ABS Enclosure	Yes	Mostly Metal Body



Specifications and performance are subject to change without prior notice.
Images used are for illustration purpose only.

MBH[®]
PUMPS

mbh pumps (gujarat) pvt. ltd.

Plot No. 14, G.I.D.C. Indl. Estate,
Naroda, Ahmedabad - 382 330, India.
+91-79-2282 3066, 2282 1018
marketing@mbhpumps.com
exports@mbhpumps.com
www.mbhpumps.com



ISO 9001
Certified Company