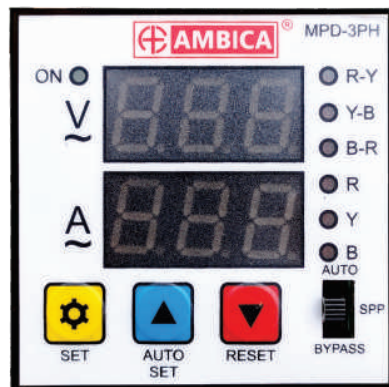


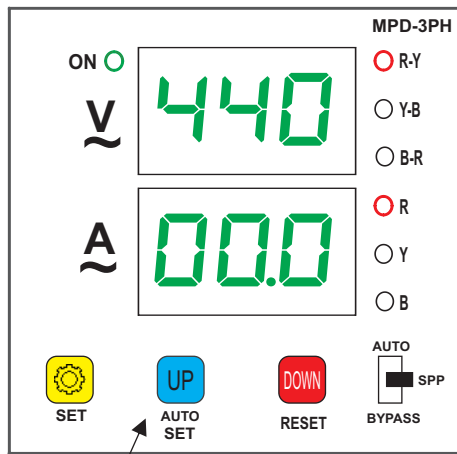
440 Display
OFF
Press Set Key For 3 Sec
Go To Parameter Setting.
OL
Set Over Current (load)
Press Set Key
dry
Set under Current (Dry run)
Press Set Key
dOn Starting Time After Stopping The
Motor In Dry Run (min).
(Only Works In Auto mode)
Press Set Key
tOn Set on time (min).
(Only Works In Auto mode)
Press Set Key
tOF Sat Off Time (min)
(Only Works In Auto & spp mode)
Press Set Key For Save &exit

440 Display
OFF
Press Set Key For 10 Sec
Go To Parameter Setting.
PAS Password
50 Go To 50 No Password
Press Set Key
Atn Power On Time Setting
50 Set Power On Time Sec
(Only Works In Auto)
Press Set Key
Sdt Set Star delta time setting.
15 Set star delta time (Sec)
Press Set Key
dry Dry Run Setting Enable disable.
(Only Works In Auto mode)
Enbd 15
Press Set Key
dOn Starting Time After Stopping The
Motor In Dry Run Enable Disable
(Only Works In Auto mode).
Enbd 15
Press Set Key
CYC Cycle Time Setting Enable disable.
Enbd 15
Press Set Key
OFt Off Time Setting Enable disable.
Enbd 15
Press Set Key For Save &exit

440 Display
OFF
Press Set Key For 10 Sec
Go To Parameter Setting.
PAS Password
70 Go To 70 No Password
Press Set Key
CSP Current Unbalance Protection
Enable Disable.
Enbd 15
Press Set Key
SPP Reverse Phase Protection
Enable Disable.
Enbd 15
Press Set Key
HU High volt protection Enable Disable.
Enbd 15
Press Set Key
HU
550 Set High Voltage.
Press Set Key
LU Low volt protection Enable Disable.
Enbd 15
Press Set Key
LU
320 Set Low Voltage.
Press Set Key
nry Memory save Enable Disable.
Enbd 15
Press Set Key
OLT Set over load Trip Time (Sec)
Press Set Key
drt Set Dry Run Trip Time (Sec)
10
Press Set Key For Save &exit

Sr.	Fault Msg	Meaning
10	OLF	Over Load (Over Current) Fault
11	dry	Dry Run (Under Current) Fault
12	H1	Over (HIGH)Voltage Fault
13	L0	Under (LOW) Voltage Fault
14	FUL	Over Head Tank Full





		15	14	13	
1	RL 1-COM	1-NO	1-COM		R 12
2	RL 1-NO				Y 11
3	I/P COM				B 10
4	I/P OL FLOAT/START				CT-COM 9
5	I/P STOP				8
6	I/P OH FLOAT	CT-R	CT-Y	CT-B	7
		16	17	18	

Input supply 440 volt.

Back Connection Diagram

*** For AutoSet**

Press **UP** UP Key For 5 Sec, display Will Show OL & DRY Values.
 Over Current Set 30% Over than Running Current.
 Under Current Set 35% Under than Running Current.
 Note:- Use Up & Down Key to Change Parameter Values

Usage/Application

▶ DOL Starter, star delta starter

Product Description

▶ INTELLIGENT MICROCONTROLLER BASED CONTROLLER,

Easy to Use.

▶ Auto Bypass Switch provided. (In Auto mode motor automatically start in 45 seconds without pressing start button and in manual mode motor start by pressing start and stop button)

SPP provided.

- ▶ It protect motor from phase failure. In 3 phase motor. Out of 3 phase if any phase failed then motor run in 2 phase and motor winding gets burn.
- ▶ It protects the motor from phase shift. If any of the 3 phases is changed, then the motor rotates in reverse, in which case the motor winding burns out,
- ▶ It protect motor from voltage different between 3 phase, Voltage between 3 phase must be same
- ▶ It has current based dry running. If the motor runs without water then it takes a lower ampere (current) than its actual current. so when the motor's current gets down from its actual current, it will stop the motor and protect the motor from dry running.
- ▶ Digital Volt and ampere meter are provided to see system voltage and load current accordingly.
- ▶ Suitable for motor up to 40 HP
- ▶ high voltage protection,
- ▶ low voltage protection,
- ▶ overload protection
- ▶ protection bypass facility
- ▶ Adjustable overload from 1 to 80 A
- ▶ Current based dry run protection provided
- ▶ Adjustable dry run current from 2 to 75 A
- ▶ Adjustable voltage limit
- ▶ Start and stop buttons are provided
- ▶ Cyclic timer provided with bypass facility
- ▶ Delay timer provided with bypass facility
- ▶ On delay timer and off delay time provided
- ▶ Auto switch provided with bypass facility (When power goes and comes it will auto start the unit)
- ▶ Auto switch timer provided (when power goes and comes it will start with preset time,) timer adjustable
- ▶ Input Voltage : 415 VAC
- ▶ High accuracy in over load and dry run current
- ▶ Auto and bypass mode available
- ▶ User can bypass all the protection from setting
- ▶ Error messages shows on display
- ▶ RESET button provided to reset unit