

# TPDS40W – 3

## PHASE Starter with Water Level Controller

### PRODUCT DESCRIPTION

This product is designed as a Motor Automatic ON/Off & Motor protection system that safeguards the Three Phase Motor against Overload, Dry Run, and Phase loss. This product also has a built-in Cyclic Timer which gives the user an option to periodically run the motor as per the desired time intervals. This product has RYB Input & RYB Output, which will be directly connected to the motor. It allows the motor load to pass through the CT provided to sense the current. The current drawn by the motor is continuously monitored and displayed. The low current and high current settings need to be adjusted by the user. The motor is turned OFF in case of over current, under current (dry run), and when any of the supply phases are absent thus protecting the motor from damages. The reason for the trip along with the tripping current is displayed. The device also offers an OFF timer which the user can set to turn OFF the motor automatically after the set time is complete, The sensors are provided additionally which when connected to the overhead tank/underground tank, turn OFF the motor starter when the water fills up.



### FEATURES

- \* R3 Phase Digital DOL Starter Suitable up to 7.5 HP Motor.
- \* Input: R, Y, B Output: R, Y, B motor
- \* High & low voltage protection.
- \* Overload protection & current based Dry run protection
- \* Short circuit protection provided
- \* Dry run rest time provided
- \* Cyclic timer, On delay and Off delay timer Adjustable
- \* Auto switch provided, Once the power goes and comes motor starts automatically, (with bypass option)
- \* SPP is provided to protect from phase failure and reverse phase from input and output on both sides.
- \* Voltage and current both SPP provided
- \* Auto and bypass switch provided
- \* 2 separate display for Digital Volt and Ampere meter
- \* Load capacity 40 A, 415 VAC
- \* Overload and dry current adjustable up to 30 A
- \* Adjustable voltage limit,
- \* Voltage and current calibration facility
- \* It will automatically set the OL & Dry current value
- \* Factory Reset facility.
- \* Fault indication on the display
- \* The motor on indication & R,Y, B phase indication provided.



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