

DWLC-V4A SINGLE PHASE SUBMERSIBLE STARTER

PRODUCT DESCRIPTION :

This product is Designed for Submersible Motors as Automatic ON/Off & Motor protection system that safeguards the Single Phase Motor against Overload, Dry Run and Single Phasing. 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 to be attached to the existing motor starter. 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, turns OFF the motor starter when the water fills up.

FEATURES :

- Digital motor starter for single phase submersible motor.
- START AND RUN CAPACITOR Provided
- 2 Contactor provided.
- Start capacitor provided for starting torque
- High low voltage protection,
- Overload protection
- Current based Dry run protection
- Dry run rest time provided
- Cyclic timer, On and Off delay timer Adjustable
- Dry run rest time provided
- Auto switch provided, Once power goes and comes motor start automatically,
- Auto and bypass switch provided
- Two separate display for Digital Volt and Amp meter
- Overload and dry current adjustable up to 30 A
- Adjustable voltage limit,
- Voltage and current calibration facility
- It will automatically set OL & Dry current value
- Factory Reset facility.
- Fault indication on display
- Motor on indication
- Suitable for 0.1 HP to 3.0 HP Motor,
- Load capacity 40 A, 240 VAC
- Sensors Inputs Provided For Sump & Overhead Tank.
- Metal Body, Input P, N and Output R, Y, B



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