

DRY RUN PREVENTOR "OLPDRP"



- ▶ Suitable for any HP of Pump with appropriate CT's
- ▶ Provision to minimise nuisance trips
- ▶ Start delay and Trip delay time provided
- ▶ Auto Reset / Manual Reset facility available
- ▶ Adjustable Amp. range from 0-5A and multiples of 5A thru external divided by 5 ratio CT's
- ▶ Suitable for any DOL/STAR DELTA Starter
- ▶ DIN Rail 35mm / Wall Mounting options

WHY DRP IS REQUIRED?

During Dryrun conditions which can occur due to liquid not being pumped by the pump, due to air leakage in the gasket, foot valve leak, etc., the pump winding draws less current. If this conditions goes undetected the winding will heat to excessively dangerous level leading to burn out.

OLPDRP - Dryrun Preventor specially designed to recognise such a condition and trip the motor, thereby avoiding the burn out.

PRINCIPLE OF OLPDRP OPERATION

OLPDRP senses the current drawn by the Pump and compares with the set current as set on the unit. If the Actual current drawn decreases to that of set current, it introduces a delay and if the actual current remains low even after the time delay is completed OLPDRP trips the starter to avoid pump burn out.

AUTO RESET : in case of auto reset once the actual current increases above the Set current OLPDRP resets itself and the pump restarts Automatically.

MANUAL RESTART : Once the Pump trips due to overload even if the actual current increases above the set current the unit will have to be manually restarted.

OLPDRP can be used for any motor (1 \emptyset to 3 \emptyset) of any capacity (with appropriate CT's) with DOL or STAR DELTA Starter

TECHNICAL SPECIFICATIONS

- Auxiliary Supply : 230V/415VAC +/- 20%, 50Hz
- Output : 1 C/o 6A @ 200VAC (Resistive)
- Current adjustable : 0-5 A with out CT (in multiples of 5A with CT's)
- Start / Trip delay : 4 secs (other on request)
- Resetting Mode : user selectable Auto/Manual
- Indications : Power ON, Healthy
- Mounting : 35 mm Rail/Base/Wall Mounting
- Dimensions (mm) : 60(W) x 70 (H) x 110(D), 450gms
- Enclosure : Virgin Plastic ABS



Manufactured by :

205, Vinay Industrial. Estate., Chincholi Bunder Link Road,
Malad-W, Mumbai - 400 064 Tel: 28750421/20
Email: cogentcontrols@gmail.com /info.cogentcont@gmail.com
Website : www.cogentcontrols.com

Product improvement is a continuous process , Data given in this publication is, therefore, subject to revision