OVERLOAD PREVENTOR "OLPDRP"

- ➤ Suitable for any HP of Motor 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 OLP IS REQUIRED?

During overload conditions which can occur due to excessive loads, locked Rotor, phase failure etc., the motor winding draws excessive current.

If this conditions goes undetected the winding will heat to excessively dangerous level leading to burn out.

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

PRINICIPLE OF OLP OPERATION

OLP senses the current drawn by the Motor and compares with the set current as set on the unit. If the Actual current drawn increase to that of set current, it introduces a delay and if the actual current remains high even after the time delay is completed OLP trips the starter to avoid motor burn out.

AUTO RESET : in case of auto reset once the actual current drops below the Set current OLP resets itself and the motor restart Automatically.

MANUAL RESTART : Once the Motor trips due to overload even if the actual current drops below set current the unit will have to be manually restarted.

OLP can be used for any motor (1 0 to 3 0) of any capacity (with appropriate CT's) with DOC 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 :

CC Cogent Controls

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