

## Phase Loss Relay

90% of total burn out of the motors is mainly caused by unbalanced voltage Conditions or phase failure. This fault needs to be detected and trip the motor if it goes beyond the set levels.

BB-PLR is a Micro controller based intelligent circuitry that senses each pulses of voltage sequence of all the three phases continuously and if it detects a change or when it crosses the desire limits, it trips the Starter with time delay and protects the motor from burnout.



### It's Protects Motor From

- Phase Loss Conditions.
- Phase Imbalance conditions
- Over Voltage Conditions.
- Under voltage condition.

### Applicable at

Three Phase Motor at Power distribution Panel, Machine tools, Irrigation Pumps, Control Panel, Monitor main input supply for monitoring controls etc.

### Suitable for

- Any H.P. of Motor
- Automatic Reset.
- Suitable for any 3 phase DOL, Star Delta Starter, ACB, OCB, Contactors etc
- High class Engineering ABS enclosure.
- Compact, Light weight and
- Easy to Install.

### Technical Specifications

System Supply Voltage	415/440 VAC @ 50Hz
Output	1 c/o, 7A @ 230VAC (resistive)
Unbalance Voltage	30V ± 6V (fixed)
Trip time delay	1 to 5 Sec.
Resetting mode	Auto reset
Indications	Power ON
Mounting	Wall Mounting
Dimensions in mm	60(W) x 70(H) x 110(D)
Weight	440 gms
Enclosure	Virgin Plastic ABS

IF PLR DOESNOT WORK PROPERLY SHORT C & NO

