

PROTON LVM-3P

Protection of 3 Phase devices against Over voltage, Under voltage unbalance supply is one of the major issue in electrical systems. For safe running of 3-phase devices, special protections that keep a continuous watch on supply conditions are very essentials. The major cause of maximum load burn-out is overloading which occurs due to unbalance supply. Single phasing & Reverse phasing conditions LVM-3p detects such conditions & protect the load from burn cut.

'PROTONs LVM-3P' offer following protections with precise accuracy. LOW/HIGH voltage tripped to ensure trouble free running of 3-phase Loads. Reverse phasing or imbalance in Phase voltages, Single phasing protection.



Salient Features :-

- Microcontroller based system.
- Suitable for Tree phase load.
- Protection against over voltage
- Protection against Under voltage.
- Protection against Single phasing & unbalance.
- Protection against Reverse phasing.
- Trip indication for Faults, indication for output relay ON.
- Under voltage/Over voltage set points are settable.
- No seperate auxiliary supply required.

Technical Specifications :-

Supply voltage:	3 Phase 415VAC, 50Hz(No auxilliary supply)
Output Contacts :	Twochangeover(NC-C-NO),Rating 5A at 230VAC
Voltage trip setting	: Over voltage limit can be set within 430 to 470VAC Hysterisis between cut off & cut in 10V : Under voltage limit can be set within 330 to 370VAC Hysterisis between cut off & cut in 10V
Trip Time delay	50msec
Reset Mode	Healthy (ON) : Green LED
Indications	Healthy (ON) : Green LED Over Voltage (OV) : Red LED Under Voltage (UV) : Red LED Single Phase (SPP) : Red LED Reverse Phase (REV PHASE): Red LED
Operating Temperature Range	-5 °C to 60 °C
Relative Humidity	Din Rail: Base mounting
Mounting	Dimensions.: 62 (W) X 70 (L) X 110 (D) mm

Marketed by:

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