

Voltage Monitoring Relay

DESCRIPTION

These relays are best suitable for monitoring balanced or unbalanced supplies, either of single phase, 3-phase 3-wire or 3-phase 4 wire loads powered by generators, UPS, stabilizers, inverters, or Mains (by Electricity Boards / Utilities); in AMF panels, PCCs, distribution boards and for power monitoring of individual loads / motors / pumps.

HEMKUNT electronics specializes in customizing designs to specific customer needs for a wide range of applications. Please feel free contact us to provide the optimal solution for your specific needs.

TECHNICAL DATA

Supply voltage	: 100-300 VAC, (No auxilliary supply)
Output Contacts	: Two changeover (N/C-C-N/O), Rating 5A at 230VAC
Voltage trip setting	: 240 to 300 V For OV with digital display (resolution of 1 V) : 0 to 210 V For UV with digital display (resolution of 1 V) : (Hysterisis between cut off & cut in is 10V)
Trip Time delay	Trip time for UV : Trip time for UV : Settable Default : 5 sec. Range: 1 to 60 sec. for OV : Fixed 3 sec.
ON Delay	: Selectable by keys from 1 to 60 sec.
Reset Mode	: Auto reset.
Indications	TIMER : RED LED OVER VOLTAGE : OVER VOLTAGE : RED LED UNDER VOLTAGE : UNDER VOLTAGE: RED LED RELAY ON : RELAY ON : GREEN LED
Keys	: [SET] FUNCTION key, To select a set point function. : [^] INC key, To increment set point. : [v] DEC key, To Decrement set point.
Operating Temperature	: -5 0C to 60 0C.
Relative Humidity	: 95%
Mounting	: Din rail. : Base mounting
Dimensions	: 70X60X112 mm.

FEATURES

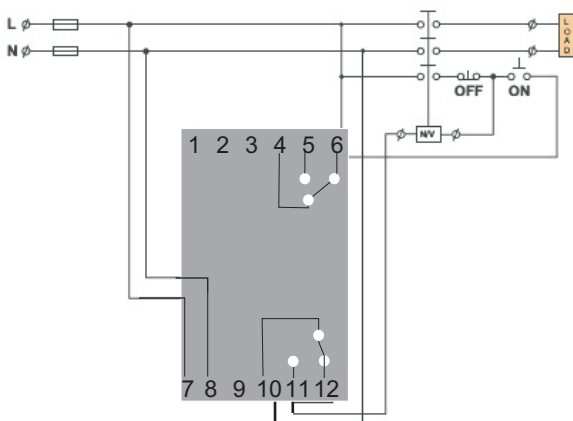
- # Microcontroller based technology.
- # Voltage protection along with digital voltage readout.
- # Wide range of supply variation.
- # Protection against Under voltage.
- # Protection against Over voltage.
- # Password Protection for the set point.
- # All the set points setable by keys.
- # Indications for High voltage, Low voltage Relay ON & Timer indication .
- # No separate auxillary supply required.



APPLICATIONS

- # Battery Charger & Float Charger Panels.
- # Telecom Power Supply Units
- # UPS for Office Computers

WIRING DIAGRAM



As a result of our policy of continual improvement, the information in this document is subject to change without any notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

our product should be installed by a qualified personnel only, therefore any use of this application is at the installer's own risk and should be accessed appropriately.

HEMKUNT ELECTRONICS

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