

Wiring and Connection

Power Supply:

The three phases R, S and T are to be connected to pins 5, 6 and 7 respectively.

Relay Contacts: to be connected:

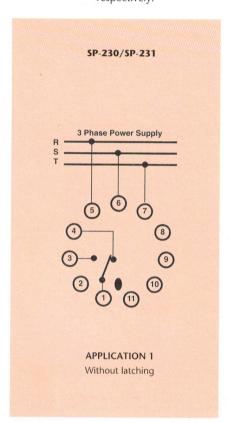
1 + 3 normally open,

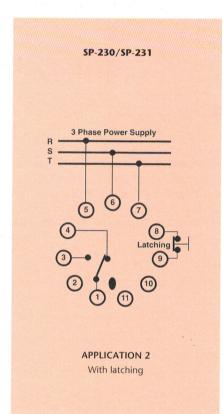
1 + 4 normally closed.

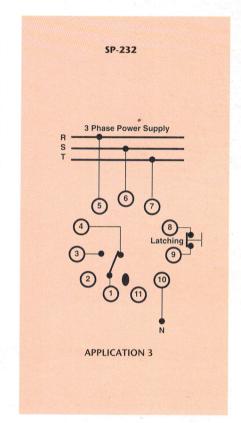
Latching: Latching to be enabled by interconnecting pin 8 and pin 9

(eg. push-to-open reset

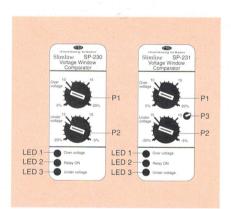
button).







Description of Controls



- P1: The Over-voltage Threshold is adjusted on P1.
- P2: **The Under-voltage Threshold** is adjusted on P2.

Note: The scales for over-voltage and under-voltage threshold settings are calibrated in percentage deviation from nominal supply voltage.

- LED 1: The red LED marked "Overvoltage" illuminates whenever the supply voltage exceeds the set over-voltage threshold.
- LED 2: The green LED marked "Relay ON" illuminates when the relay is energised, ie. under normal supply conditions.
- LED 3: The red LED marked "Under-voltage" illuminates whenever the supply voltage drops below the set under-voltage threshold.

Technical Specification

Power Supply:

Supply voltage (phase-to-phase): 12, 24, 110, 230, 400, 415, 525VAC ± 20%

Power consumption: 3VA (approx.)

6VA for 415,525VAC (approx.)

Voltage Sensing:

Calibrated to respond to the RMS of a sinusoidal waveform.

Repetitive accuracy: 1%.

Hysteresis: 2% fixed (relative to its supply voltage).

Response delay: 1 second.

Latching disabled during power-up: approx.10 seconds.