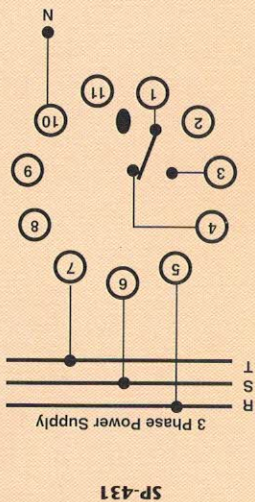
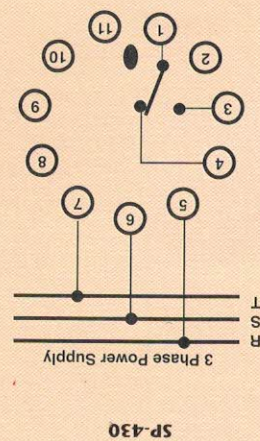


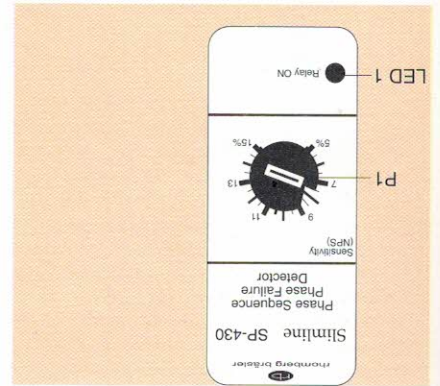
## Wiring and Connection

**Power Supply:** The three phases R, S and T are to be connected to pins 5, 6 and 7 respectively (and neutral to pin 10 on SP-341). The correct sequence is to be observed.

**Relay Contacts:** to be connected: 1 + 3 normally open, 1 + 4 normally closed.



## Description of Controls



**P1:** The Sensitivity to 3-phase voltage imbalance is adjusted on P1. The scale is calibrated in percentage NPS voltage. For general applications, a setting of between 5% and 7% is recommended.  
**LED 1:** The green LED marked "Relay ON" illuminates when the relay is energised, i.e. the power supply is balanced and in the correct sequence.

## Technical Specification

**Power Supply:** Supply voltage (phase-to-phase): 110, 230, 400, 415, 525VAC  $\pm 20\%$   
 Power consumption: 3VA (approx.)  
 6VA for 415, 525VAC (approx.)

**Voltage sensing:** Repetitive accuracy: 1%  
 Hysteresis: 2% fixed (relative to supply voltage).  
 Response delay: 1 second (approx.)