

## PTC THERMISTOR RELAY UNIT

### ELECTRICAL DATA:

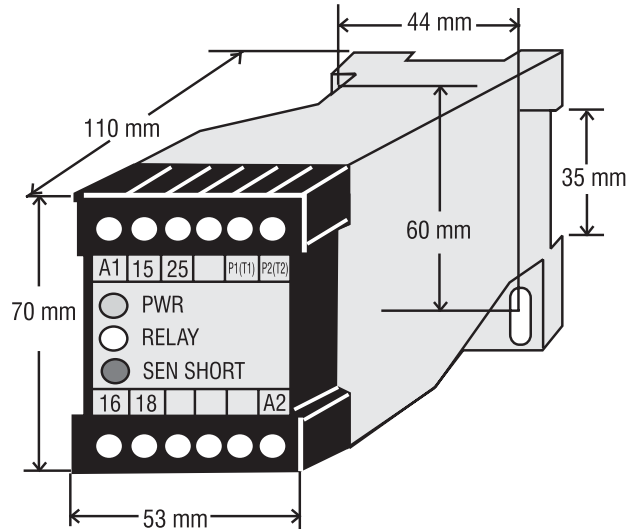
1. SUPPLY VOLTAGE { 240V/220V/110V/24V } VAC  
+/-20% 50Hz
2. POWER CONSUMPTION 3VA

### Control Circuit:

3. NOMINAL TRIPPING TEMPRATURE 60 DEG. C. TO 180 DEG.C.
4. CIRCUIT BURDEN <=50mW
5. THERMISTER CIRCUIT VOLTAGE <=2.5V BELOW NTT  
<=3.5V ABOVE NTT
6. TOTAL COLD RESISTANCE <1.5 K.Ohm
7. RESPONCE VALUE 3.0 K.Ohm + /-200 Ohm
8. RESET VALUE 1.6KW + /-200 Ohms
9. SHORT CIRCUIT DETECTION @ <= 20 Ohms

### Outputs

10. OUTPUT CONTACTS 1NO + 1NC
11. CONTINUOUS CURRENT RATING 5A RESISTIVE AT 230V~
  - DC11 DUTY 1.25A @ <=24VDC~
  - AC11 DUTY 1.5A @ <=230V~
  - 0.2A @ 220V



### MECHANICAL DATA:

12. HOUSING ABS PLASTIC ENCLOSURE  
DESIGNED FOR **IP 54** WITH  
TERMINAL COVER
13. MOUNTING PANEL MOUNTING PROVISION  
ON 35mm RAIL AS PER **DIN  
STANDARD 50022** OR WITH  
HOLES FOR SCREW FIXING
14. TERMINATION TERMINAL COMPARTMENT  
FOR MAXIMUM CROSS-  
SECTIONAL  
AREA=1X 2.5 Sq.mm.

### ORDERING CODE:

### TYPE

PRA240PTCXX1C5A	240V~/1NO+1NC
PRA220PTCXX1C5A	220V~/1NO+1NC
PRA110PTCXX1C5A	110V~/1NO+1NC
PRD024PTCXX1C5A	24V/1NO+1NC
PRA240PTCXX2C5A	240V~/2NO+2NC
PRA024PTCXX2C5A	24V~/2NO+2NC

### CONNECTION DETAILS:

- A1 - A2 #SUPPLY VOLTAGE
- P1(T1)-P2(T2) # PTC THERMISTER
- 13-15 (NO) # OUTPUT NO CONTACT
- 21-22 (NC) # OUTPUT NC CONTACT



Specifications are subject to change without notice.