

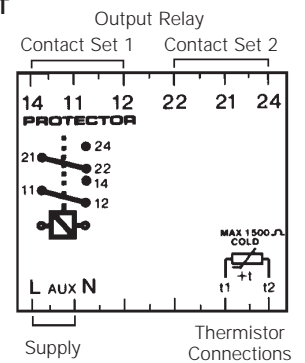
## Specification – Thermistor Trip

Nominal voltage	110V, 120V, 220V, 230V or 240V ac $\pm 20\%$
Input	Positive temperature coefficient thermistors (series connected 1500 $\Omega$ at normal temperature)
System frequency	50/60Hz
Voltage burden	2VA approx.
Overload	1.2 x rating continuously
Trip level	2500 to 3500 $\Omega$ reset 1500 to 2300 $\Omega$
AC auxiliary supply voltage	100V, 110V, 120V, 208V, 220V, 240V, 480V, $\pm 20\%$
DC auxiliary supply voltage	12V, 24V, 48V, 110V or 125V, $\pm 15\%$ . Max ripple 15%
Auxiliary voltage burden	4VA (max)
Output relay	2-pole change over
Relay contact rating	AC: 240V 5A, non inductive DC: 24V, 5A resistive
Relay mechanical life	0.2 million operations at rated loads
Relay reset	Model 252-PMT: Automatic Model 252-PM: Manual
Operating temperature	0°C to +60°C (0°C to +40°C for UL models)
Storage temperature	-20°C to +70°C
Temperature co-efficient	0.05% per °C
Interference immunity	Electrical stress surge withstand and non-function to ANSI/IEEE C37 90a
Enclosure style	DIN rail with wall mounting facility
Material	Flame retardant polycarbonate/ABS
Enclosure integrity	IP50
Compliant with	EMC, LVD, Safety Standard IEC 414 UL File No: E113067 recognised up to 600V CSA File No: LR52592 up to 300V
Model 252 dimensions	55mm (2.2") wide x 70mm (2.8") high x 112mm (4.4") deep
Weight	0.4Kg approx.

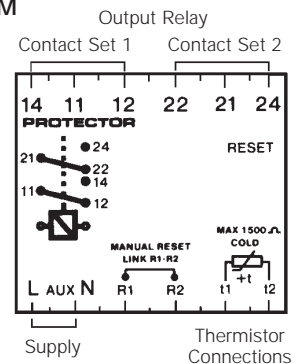


## Connections

### 252-PMT



### 252-PM



## Dimensions

### Model 252

