

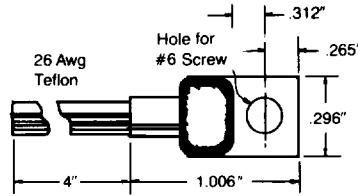
**PRODUCT A OVER TEMPERATURE PROTECTORS**

MIDWEST COMPONENTS' Over Temperature Protector provides shutoff or regulation of expensive RF or AF Power Transistors. Protects against over heating that occurs from output stage component failure, antenna breakage, or short conditions.

Unlike fuses or bi-metal elements its action is recyclable and has no hysteresis effect.

**Also available:**

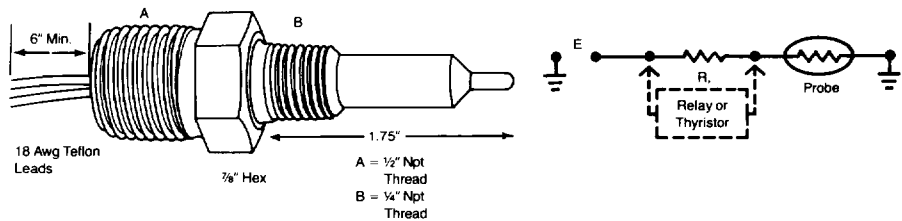
- Other switching temperature or resistances compatible with package constraints.
- Special lead types or end terminations.
- Body styles for protection of TRIAC or SCR Rectifiers.



Order Number	Switching Temp. (Nom.)	Resistance at 25°C (Ohms)	Resistance at Switching Temperature	Max. Cont. Oper. Temp.
OTP60.11	60°C	100 ± 40%	250 OHMS (min.)	150°C
OTP70.11	70°C	100 ± 40%	250 OHMS (min.)	150°C
OTP80.11	80°C	100 ± 40%	250 OHMS (min.)	150°C
OTP100.11	100°C	100 ± 40%	250 OHMS (min.)	150°C
OTP120.11	120°C	100 ± 40%	250 OHMS (min.)	150°C
OTP125.11	125°C	100 ± 40%	250 OHMS (min.)	150°C

**PRODUCT B OVER TEMPERATURE PROBE 9RT1P — SERIES**

This rugged Probe is designed for over temperature sensing on compressors, engines, or fluid transfer lines. When over temperatures occur its resistance increases by a factor of five or more. This large increase allows simple interface with relay or Thyristor controls. Probe functions on AC or DC without regard for polarity. Stainless steel is used to minimize corrosion.

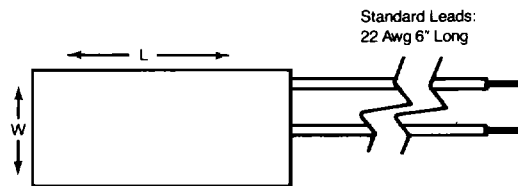


Order Number	Resistance at 25°C (Ohms) ± 40%	Activation Temperature ± 5°C	Resistance at Activation Temperature
9RT1P106	2000	100°C	10,000
9RT1P101	2000	113°C	10,000
9RT1P107	2000	120°C	10,000
9RT1P108	2000	125°C	10,000

**PRODUCT C SELF REGULATING DISPLAY HEATER**

The unique self-regulating heating effects of specially doped ceramics are utilized to create a new type heater for liquid crystal or other temperature sensitive displays. These devices produce heat at cold temperatures and curtail heating at normal or high temperatures. This feature allows its use in battery operated instruments due to low normal current drain. Use of this heater allows a broader application of displays by removing the adverse effects of temperature.

Heater is attached to reverse side of display with thermally conductive epoxies or silicone adhesives depending upon display's thermal coefficient of expansion or temperature to which it may be subjected. Actual performance of the display will depend upon manufacturers specifications.



Order Number	Size* L X W	Operating Voltage	Nominal Resistances	
			R@ -35°C	R@ 50°C
CDH001	2.0" x .9"	12 VDC	5 OHMS	1500 OHMS (min.)
CDH002	3.1" x 1.1"	12 VDC	3 OHMS	1000 OHMS (min.)
CDH003	3.6" x 1.1"	12 VDC	2.5 OHMS	750 OHMS (min.)

\*Other sizes available — consult factory.