

Z6 MICROTEMP Thermal Fuses



Z6 MICROTEMP - the Original Thermal Fuse

MICROTEMP thermal fuses offer an accurate, reliable solution to the need for upper limit temperature protection against overheating by interrupting an electrical circuit when operating temperatures exceed the rated temperature. Designed to meet European voltage and current applications, the Z6 is rated for operating currents up to 16 amps @ 250 VAC.

Benefits

- Same excellent quality and reliability you have come to expect in MICROTEMP thermal fuses
- Fast thermal response
- High Overshoot Temperature T_m ratings

Features

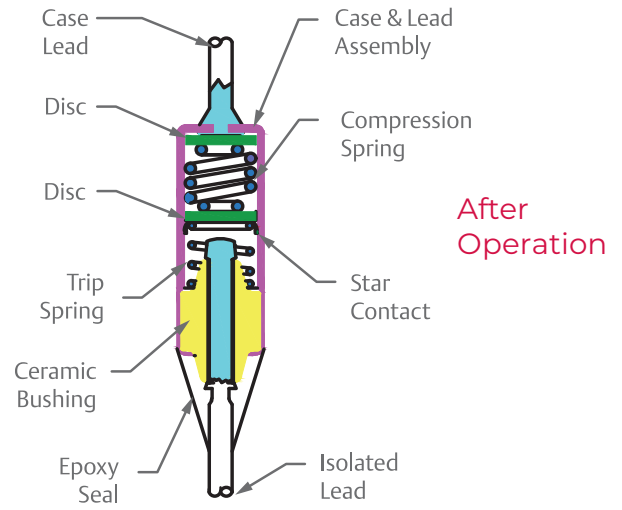
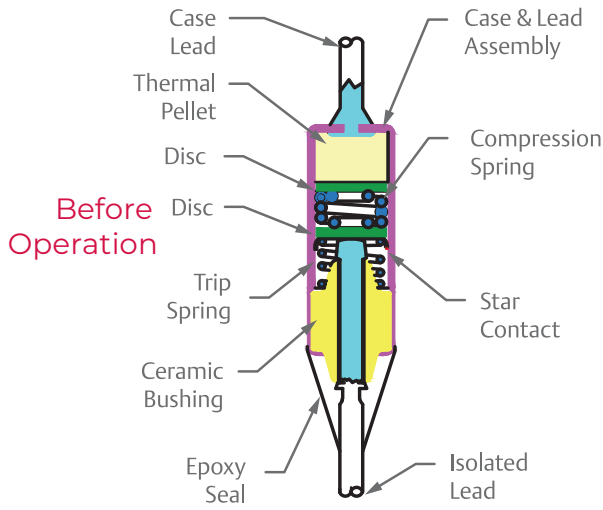
- One shot operation cuts off electrical power
- 16A/250VAC
- Low Resistance
- Compact Size

Applications

- Major Appliance
- Portable Appliance
- HVAC
- Water Heater
- Hair Care
- Other



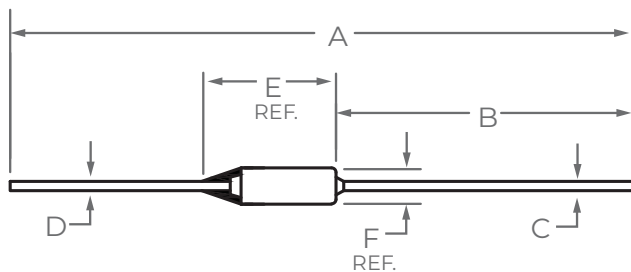
Z6 MICROTEMP Product Information



Standard Dimensions

		Standard Leads
A	Overall Length $\pm .12"$ ($\pm 3.0\text{mm}$)*	2.51" (63.8mm)
B	Case Lead Length $\pm .06"$ ($\pm 1.5\text{mm}$)	1.38" (34.9mm)
C	Case Lead Diameter	0.040" (1.0mm)
	Case Lead Material	Tin Plated Copper
D	Isolated Lead Diameter	0.040" (1.0mm)
	Isolated Lead Material	Silver Plated Copper
E/F	Case Dimensions, Including Epoxy	.58" L x .158" D (14.7mm x 4.0mm)

* Overall length available up to 5.83" (148mm)



Operating Temperature Summary

Tf °C	Th °C	Tm °C
104	089	260
117	102	275
121	106	380
144	134	380
152	142	380
167	157	380
184	174	380
229	200	380
240	200	380

Tf = Functioning open temperature $\pm 0/-5^\circ\text{C}$

Th = Maximum temperature of the thermal fuse, measured at the case end, at which the thermal fuse can be maintained for a period of at least 168 hours without opening

Tm = Maximum overshoot temperature. Temperature up to which the open thermal fuse will not change state

Electric Rating

Agency	Resistive
UL	16A/250VAC
CSA	16A/250VAC
VDE	16A/250VAC
CCC	16A/250VAC
PSE JET*	16A/250VAC

*Customer should choose Z6X5XTTTC part number if PSE JET agency approval is needed.