One Shot Thermal Cutoffs

Design Features

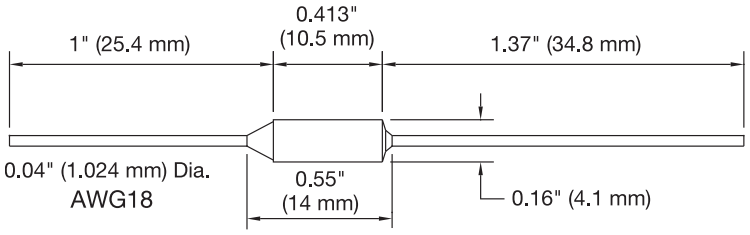
- *Low Cost*
- *Excellent Contact Rating*
- *Quick & Easy Installation*

Typical Applications

- *Personal Care*
- *Appliances*
- *Motors*

Thermal cutoffs are designed to provide upper limit temperature protection for many electronic products. Under normal operating temperature, the solid pellet compresses a spring which holds the star contact against the isolated lead. When a fault temperature is reached, the pellet melts and the circuit is opened permanently.

It is important to allow sufficient time to determine the proper and best location for a thermal cutoff. The location will affect the cutoff's ability to protect your product. Placement in the highest temperature area is usually best. Use a thermal cutoff that is higher than your target operating temperature, as a thermal cutoff is supposed to be a fail-safe to protect the system from catastrophic failure.



Specifications

Electrical ratings: 120/250 VAC, 10 Amps, Continuous duty
120/250 VAC, 15 Amps, Interrupting current

Temperature tolerance: +0°C/-4°C (+0°F/-7°F)

Approvals: UL, CSA, VDE

Standard Stock Thermal Cutoff Temperature Ratings

Cutoff Temp. °F	°C	TEMPCO Part Number
151	66	TST-106-104
162	72	TST-106-110
170	77	TST-106-111
183	84	TST-106-112
196	91	TST-106-113
208	98	TST-106-114
219	104	TST-106-101
230	110	TST-106-106
250	121	TST-106-107 ①
262	128	TST-106-109
286	141	TST-106-115
291	144	TST-106-116 ②
306	152	TST-106-117
333	167	TST-106-105 ①
363	184	TST-106-119
378	192	TST-106-120
421	216	TST-106-121 ③
464	240	TST-106-122

Agency Approvals:
UL, CSA, VDE

Exceptions as noted:
① No agency approvals
② UL and CSA approved only
③ VDE approved only

Ordering Information

Choose the ***Part Number*** of the thermal cut-off that best meets the requirements on your application from the chart above.

Standard lead time is stock to 3 weeks.

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.