

INSTALLATION INSTRUCTIONS - STC4283 - 283°F (139°C)

Rated for continuous operating currents up to 10 amps @ 250VAC (15 amps @ 120VAC, 5 amps @ 24VDC) Designed for over-temperature protection.

The thermal cutoff is designed to detect abnormal rises in temperature and break circuits if needed. It is not a current fuse that cuts excess current. If used as a current fuse, the thermal fuse may malfunction.

The technician should select the proper thermal cutoff device, mounting location, and mounting method as appropriate for the application.

Use the thermal cutoff with a voltage and current level lower than the rated level. If the thermal cutoff is used with a voltage or current level higher than the rated level, the fuse can malfunction.

Do not use the thermal cutoff in water, other liquids, or high humidity. Doing so will cause deterioration, and the thermal cutoff may operate at lower than operating temperature, or other malfunctions may occur. Also, the thermal cutoff may not operate even if its operating temperature is exceeded.

Mounting

The thermal cutoff can be mounted by soldering or terminals.

If soldering, note that the thermal cutoff may not function because of excessive solder temperature. To prevent overheating, hold the lead near the case with a tool. This helps heat to escape. Solder in short intervals. Also, use a lower solder temperature and solder at away from the case.



Disconnect power before servicing equipment.