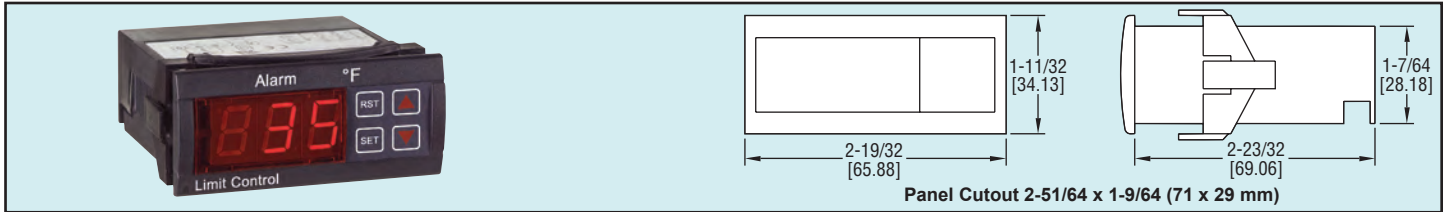




Series
TSF

Thermocouple Limit Control

FM Approved High Limit Switch



The **Series TSF Thermocouple FM Approved Limit Control** provides audible alarm status along with a robust 16 amp relay output. Unit allows the user to easily select automatic or manual reset along with 10 other parameters. The TSF series has a built in reset button on the front panel or can accept an external reset.

Model	Description
TSF-4010	Type J/K/S input, 110 V, °F
TSF-4011	Type J/K/S input, 110 V, °C
TSF-4021	Type J/K/S input, 230 V, °C
TSF-4040	Type J/K/S input, 24 VAC/VDC, °F

ACCESSORIES

TCS-J, J type thermocouple, 4" probe, 48" extension

TCS-K, K type thermocouple, 4" probe, 48" extension

TS2-K, Configuration Key

SPECIFICATIONS

Probe Range: 0 to 700°C (32 to 999°F) for thermocouple J type. 0 to 999°C (32 to 999°F) for thermocouples K or S type.

Input: Type J, K or S thermocouple.

Output: 16A SPDT relay @ 250 VAC resistive.

Horsepower Rating (HP): 1 HP.

Control Type: ON/OFF; manual/automatic reset.

Power Requirements: 110 VAC, 230 VAC, 12 VAC/VDC or 24 VAC/VDC (depending on model).

Power Consumption: 4 VA.

Accuracy: ±1% FS.

Display: 3-digit, red, 1/2" (12.7 mm) digits, plus sign.

Resolution: 1°.

Memory Backup: Nonvolatile memory.

Temperature Limits: Ambient: 14 to 131°F (-10 to 55°C).

Storage Temperature: -4 to 176°F (-20 to 80°C).

Weight: 2.3 oz (65 g).

Front Panel Rating: IP64 (NEMA 3R).

Agency Approvals: CE, FM, cUR, UR.