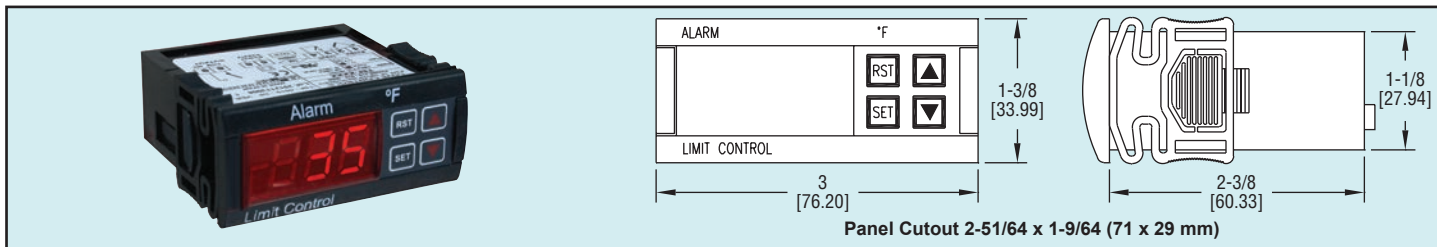




Series
TSF

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 | Supply Power | Unit |
|----------|--------------|------|
| TSF-4010 | 115 VAC | °F |
| TSF-4011 | 115 VAC | °C |
| TSF-4021 | 230 VAC | °C |
| TSF-4040 | 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: 32 to 999°F (0 to 700°C) for Type J thermocouple; 32 to 999°F (0 to 999°C) for type K or S thermocouples.

Input: Type J, K or S thermocouple.

Output: SPDT relay rated 16A @ 240 VAC resistive.

Horsepower Rating (HP): 1 HP.

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

Power Requirements: 115 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: 32 to 150°F (0 to 65°C); Storage: -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.