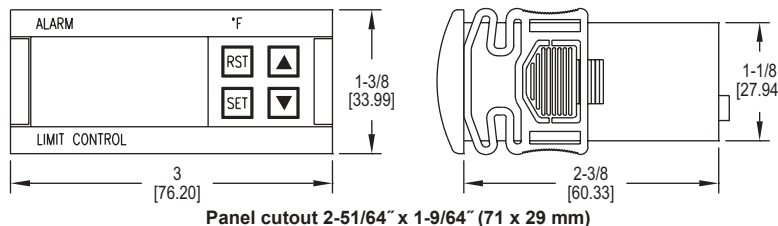


THERMOCOUPLE LIMIT CONTROL

FM Approved Temperature Limit Control



The **Series TSF Thermocouple Limit Control** provides audible alarm status along with a relay output. Unit allows the user to easily select automatic or manual reset via a built in reset button on the front panel or an external contact.

BENEFITS/FEATURES

- FM approved temperature limiting control
- Integral and remote reset capabilities

APPLICATIONS

- Gas fired oven and burner control

MODEL CHART		
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

See page reference 1 below.

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 16 A @ 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, cURus.

1 Digital Temperature Switch Probes and Accessories: See page 129 (Series TS-Probes)