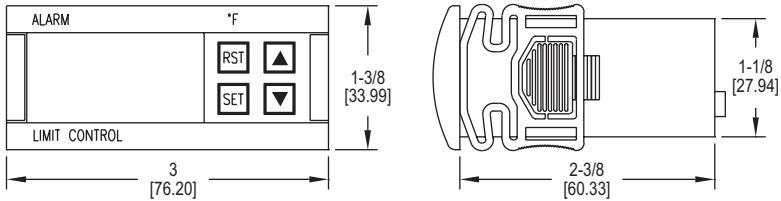
SERIES TSF-DF

THERMOCOUPLE LIMIT CONTROL

UL Approved Temperature Limit Control



Panel cutout 2-51/64˝ x 1-9/64˝ (71 x 29 mm)

The **Series TSF-DF Thermocouple Limit Control** is a UL approved temperature limit control that provides visual alarm status along with a `relay output. The Series TSF-DF controls have a built in reset button on the front panel or can accept an external reset signal.

Program settings on model TSF-DF controls cannot be changed through the buttons on the device. It is necessary to purchase a model TSF-MDF and a model TS2-K in addition to the model TSF-DF. Desired program parameters are entered on a TSF-MDF programming control. Using the TS2-K configuration key, the parameters can be easily copied from the TSF-MDF and transferred to the TSF-DF Limit Alarms.

FEATURES/BENEFITS

- UL approved limit control

APPLICATIONS

- Gas fired oven and burner control

MODEL CHART			
Model	**Control**	**Supply Power**	**Unit**
TSF-4010-DF	Limit alarm	115 VAC	°F
TSF-4011-DF	Limit alarm	115 VAC	°C
TSF-4021-DF	Limit alarm	230 VAC	°C
TSF-4040-DF	Limit alarm	24 VAC/VDC	°F
TSF-4010-MDF	Programming control	115 VAC	°F
TSF-4011-MDF	Programming control	115 VAC	°C
TSF-4021-MDF	Programming control	230 VAC	°C
TSF-4040-MDF	Programming control	24 VAC/VDC	°F

SPECIFICATIONS

Probe Range: 32 to 999°F (0 to 700°C) for thermocouple J type; 32 to 999°F (0 to 999°C) for thermocouple K or S type.
Input: Type J, K, or S thermocouple.
Output: NO SPST relay rated 16 A @ 240 VAC resistive.
Horsepower Rating (HP): 1 HP.
Control Type: ON/OFF; manual/automatic reset.
Power Requirements: See model chart.
Power Consumption: 4 VA @ 230 VAC.
Accuracy: ±1% FS.
Display: 3-digit, red, 1/2˝ (12.7 mm) digits, plus sign.
Resolution: 1°.
Memory Backup: Nonvolatile memory.
Ambient Operating Temperature: 32 to 140°F (0 to 60°C).
Storage Temperature: -4 to 176°F (-20 to 80°C).
Weight: 2.3 oz (65 g).
Front Panel Rating: IP64.
Agency Approvals: CE, cURus (DF models only).

ACCESSORIES

See page reference ❶ below.

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