

SERIES TSF | THERMOCOUPLE LIMIT CONTROL

FEATURES/BENEFITS

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

APPLICATIONS

- Gas fired oven and burner control



DESCRIPTION

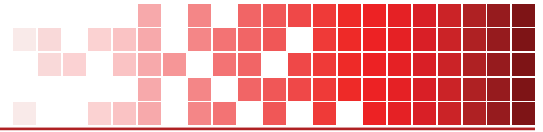
The **SERIES TSF-DF** Digital Thermocouple Limit Alarm is a UL approved temperature limit control that provides visual alarm status along with a relay output. The Series TSF-DF controls have a built in reset button on the front panel or can accept an external reset signal.

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 TSFMDF 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.

SPECIFICATIONS

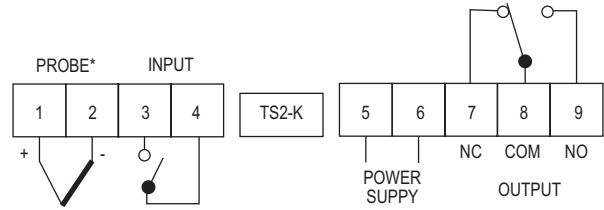
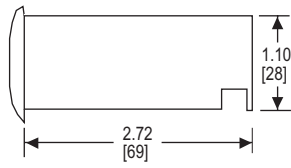
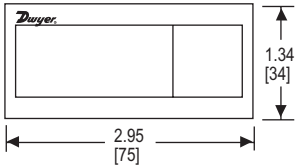
Probe Range	32 to 999°F (0 to 700°C) for thermocouple J type; 32 to 999°F (0 to 999°C) for thermocouple K or S type.
Input	Type J, K, or S thermocouple.
Output	NO SPST relay rated 16 A @ 240 VAC resistive.
Horsepower Rating	1 HP.
Control Type	Manual/automatic reset.
Power Requirements	See model chart.
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. (NEMA 3R).
Agency Approvals	CE, FM, cURus, UR (DF models only).





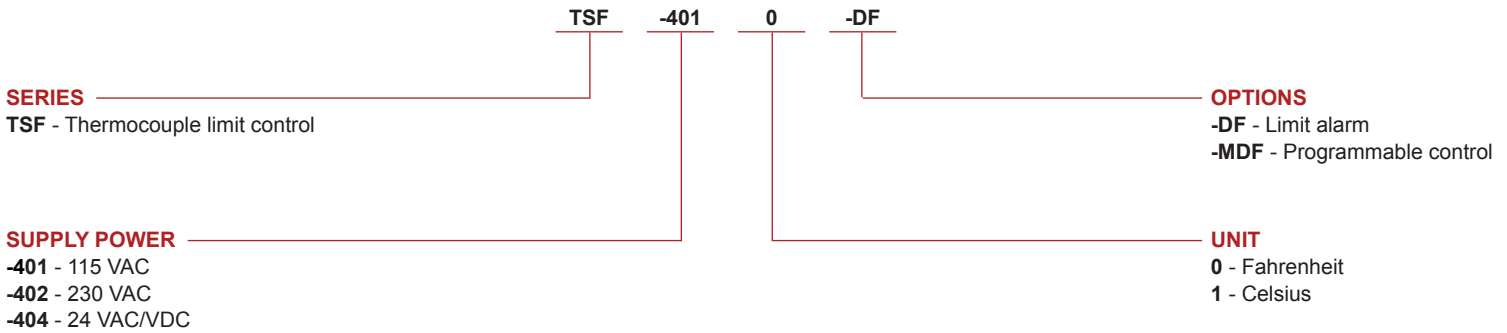
DIMENSIONS

WIRING DIAGRAM



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.



ACCESSORIES

Model	Description
Series TS-PROBES	Digital temperature switch probes and accessories

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