

SERIES TCS | THERMOCOUPLE TEMPERATURE SWITCH

FEATURES/BENEFITS

- Heating or cooling modes
- Internal alarm buzzer
- Configuration key to quickly load parameters from one unit to another

APPLICATIONS

- Food service equipment
- Industrial process control



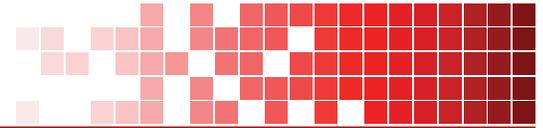
DESCRIPTION

The **Series TCS Thermocouple Temperature Switch** monitors and controls temperature while offering a wide temperature range, two selectable alarm sets, and an internal buzzer indicating alarm condition or error.

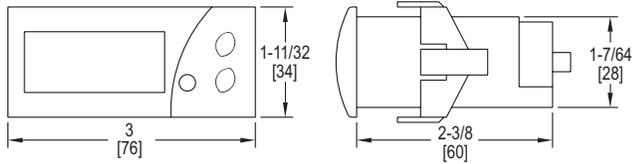
SPECIFICATIONS

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 thermocouple.
Input	Type J or K thermocouple.
Output	SPDT relay rated 16 A @ 240 VAC resistive.
Horsepower Rating	1 HP.
Control type	ON/OFF.
Power Requirements	115 VAC, 230 VAC, 12 VAC/VDC or 24 VAC/VDC (depending on model).
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 158°F (0 to 70°C); Storage: - 4 to 176°F (-20 to 80°C).
Weight	2.3 oz (65 g).
Front Panel Rating	IP64.
Agency Approvals	CE, cURus.

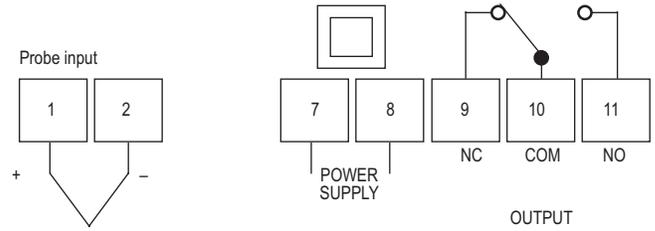




DIMENSIONS

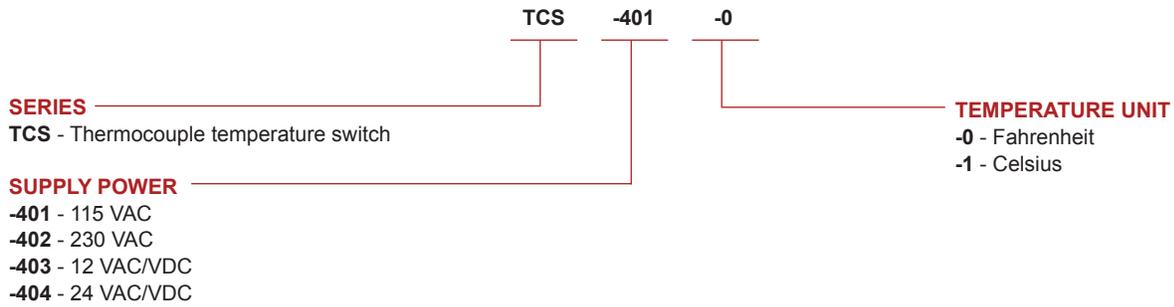


WIRING DIAGRAM



HOW TO ORDER

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



ACCESSORIES

Model	Description
TS-Probes	Digital temperature switch probes and accessories

Important Notice: Dwyer Instruments, Inc. reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Dwyer advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current.

