

TTD DIGITAL ON/OFF THERMOCOUPLE TEMPERATURE CONTROLLER

Features & Benefits

- ▶ Red LED display
- ▶ 3-key push button interface
- ▶ Fuse protection
- ▶ Optional mounting bracket
- ▶ Easy to use on/off digital controller with audible alarm
- ▶ Outdoors or indoors — NEMA 3X /IP64
- ▶ Available in three temperature ranges

Specifications

Voltage: 120 or 240 VAC

Maximum Amp Load: 15 amps

Temperature Control Range: 32°F to 175°F (0°C to 79°C); 32°F to 500°F (0°C to 260°C); 32°F to 999°F (0°C to 537°C)

Temperature Display Units: °F standard; °C on request

Sensor Input: Mini or standard type-K connection accuracy: ± 1% full scale

Resolution: 1°

Hysteresis: 5°

Alarms: Audible

Input Power Cords/Connections: 6 ft (1.8 m) long with

- 120 VAC model: NEMA 5-15 plug
- 240 VAC model: NEMA 6-15 plug

Output Power Cords/Connections: 4-pin receptacle with mating plug; IP67, NEMA 6P rated

Special Features: Mounting bracket included with TTD175-K120 and TTD175-K240

Environmental Exposures:

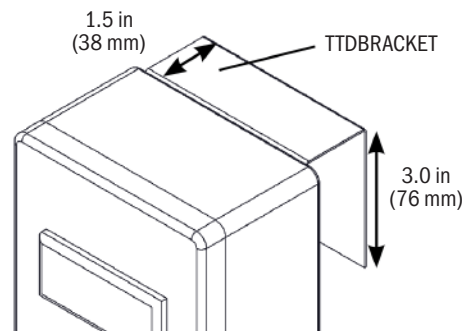
- Operating range: 14 to 131°F (-10 to 55°C)
- Storage range: -4 to 176°F (-20 to 80°C)

Enclosure Dimensions: 8 in x 4.75 in x 3.75 in (203 mm x 121 mm x 95 mm)

Enclosure Rating/Classification Designation: NEMA 3X; IP64



Plug & Play



TTDBRACKET Installation

Ordering Information

Part No. °F Display	Part No. °C Display	Volts	Range
TTD175-K120	TTD175-K120C	120	32 to 175°F (0 to 79°C)
TTD175-K240	TTD175-K240C	240	
TTD500-K120	TTD500-K120C	120	32 to 500°F (0 to 260°C)
TTD500-K240	TTD500-K240C	240	
TTD999-K120	TTD999-K120C	120	32 to 999°F (0 to 537°C)
TTD999-K240	TTD999-K240C	240	

Accessories

Part No.	Description
11646	Replacement IP67 four-pin (NEMA 6P equivalent) output male plug assembly
TTDBRACKET	Optional mounting bracket kit. Included with TTD175-K120 and TTD175-K240

Type-K thermocouple with mini connector

Part No. Outdoor Use	Part No. Indoor Use	Length ft (m)	Outdoor use thermocouple: PFA sleeving. Temperatures up to 500°F (260°C)
TCKN05-DA	TAKN05-DA	5 (1.5)	
TCKN10-DA	TAKN10-DA	10 (3.0)	Indoor use thermocouple: Fiberglass sleeving. Temperatures up to 800°F (426°C)