TEMPCO
CONTROL PRODUCTS

Standard and made-to-order Temperature and Heater Power Control Products built in our UL508A, UL698A and UL1203 cULus Certified Panel Shop.

The #1 control solution for your process application!

Temperature Controllers

TEC, **TKZ** and **TBC** Controllers and their accessories are used in a wide variety of machinery to maintain process temperatures.

DESIGN FEATURES:

- Multicolor LCD Display using NFPA/IEC standard colors
- Compact design (controller depth) in standard DIN sizes
- True Universal Inputs of Thermocouple, RTD, mA, V
- CT Inputs for Heater-Break Alarm

- RS - 485 and Analog Retransmission Available
- Ramp & Soak option available on TEC-4500, -9500, -4400, -7400, -8400 and -8450
- Approvals: cULus Listed, CE, RoHS, REACH, WEEE

Control Consoles

TPC and **PCM** Portable Temperature Control Consoles are self-contained units for monitoring & controlling process temperatures in a wide range applications.

DESIGN FEATURES:

- Self-Powered, Switched Plug Output, Extra Rugged and High Limit types available
- 1, 2, 3 and 4 zone configurations available
- Front-mounted rocker panel switch
- Retractable legs for easy benchtop viewing
- Customize with high limits, alarms, etc.

- 5-foot power cord with standard U.S. straight-blade plug configuration for 120V or 240V. Other country standards available.
- Power output plug (one per zone)
- Miniature jack and plug for temperature Sensor input (one per zone)

Heating Elements • Controls • Sensors

WWW.TEMPCO.COM | 800.323.6859

TEMPCO CONTROL PRODUCTS

Control temperature & heater power in your application!

Tempco offers a complete line of control products to help you get the most out of your process application. We offer standard and built-to-order products, from TEC Temperature Controllers to Heater Power and Temperature Control Panels, that are all built in our UL508A, UL698A & Ul1203 cULus Certified Panel Shop.

Standard Control Products

Preconfigured temperature and heater power control products designed for use in indoor, industrial settings.

DESIGN FEATURES:

PCT Series: Thermostats & Temperature Controls

- 5-foot power cord with standard U.S. straight-blade plug configuration for 120V or 240V. Other country standards available.
- 15 Amp heater fuse
- 12 Amp heater output
- **PCT-1000 Series:** Bulb & Capillary Type Single-Pole Thermostat temperature rated up to 550°F

- **PCT-2000 Series:** TKZ Encapsulated Electronic Temperature Control, temperature rated up to 1000°F
- **PCT-3000 Series:** TEC-2400 Programmable PID Temperature Controller, temperature rated up to 1000°F

PCM Series: Pre-Wired Control Boxes

- TEC-9400 PID Temperature Control Temperature Control
- Temperature rated up to 2400°F
- Offered in three different amperages: 16 Amp, 24 Amp & 48 Amp

Power & Temperature Control Panels

Tempco's made-to-order control panels are custom-engineered and factory pre-wired for your process heating application.

OPTIONAL DESIGN FEATURES:

- Enclosure NEMA rating 4, 4x or 3R
- Choice of temperature controller(s)
- Circuit breaker or fused disconnect with turn handle option
- Class CC & J fusing offers best-in-class current limitation offering reliable interruption of all overcurrents with protection up to 200kA
- Heater Power: Up to 600 VAC three-phase
- High limit safety contactor

- Power On pilot lamp
- Control transformer, fused primary and secondary
- Ventilation fan and filter, heat-tube, air conditioning or other cooling methods
- Anti-condensation enclosure heater
- Twist-lock or jack panel connections available for external connection
- Audible/Visual alarms
- Agency Approvals: File #: E307875

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