

### PCT Series Thermostat and Temperature Controls

#### PCT-1000 Series (120 VAC) Bulb & Capillary Type Single-Pole Thermostat



- \* 5-foot, 3-conductor line cord
- \* 15 Amp straight-blade heater receptacle with ground
- \* 3/8" x 4" bulb with 48" long capillary
- \* Positive Off detent
- \* Heater On pilot light

- \* 15 Amp heater fuse
- \* Black powder coat metal housing for indoor use
- \* Dimensions: 7"H x 3-1/2"W x 3"D (120V units)  
9-1/2"H x 3-1/2"W x 3"D (240V units)
- \* Wall mounting slots: 6-1/2" centers (120V units)  
9-1/2" centers (240V units)

#### Part Number PCT10001

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1440W
- \* Temperature Range: 60-250°F

#### Part Number PCT10003

- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 2880 W
- \* Temperature Range: 60-250°F

#### Part Number PCT10002

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1440W
- \* Temperature Range: 150-550°F

#### Part Number PCT10004

- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 2880 W
- \* Temperature Range: 150-550°F

#### PCT-2000 Series — TKZ Encapsulated Electronic Temperature Control



- \* Temperature Range: 32-1000°F (0-550°C)
- \* 5-foot, 3-conductor line cord
- \* 15 Amp straight-blade heater receptacle with ground
- \* Heater On pilot light
- \* 15 Amp heater fuse

- \* Thermocouple mini-jack
- \* Black powder coat metal housing for indoor use
- \* Dimensions: 7-1/4"H x 3-1/2"W x 3-3/4"D
- \* Wall mounting slots: 6-3/4" centers
- \* Off switch supplied by customer

#### Part Number PCT20001

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1440W
- \* Type J thermocouple jack

#### Part Number PCT20003

- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 2880 W
- \* Type J thermocouple jack

#### Part Number PCT20002

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1440W
- \* Type K thermocouple jack

#### Part Number PCT20004

- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 2880 W
- \* Type K thermocouple jack

#### PCT-3000 Series TEC-2400 Programmable PID Temperature Control



- \* 5-foot, 3-conductor line cord
- \* 15 Amp heater receptacle with ground
- \* 15 Amp heater fuse
- \* 1 Amp controller power fuse
- \* Heavy duty relay output
- \* Thermocouple mini-jack

- \* TEC-2400 control with bright LCD Display using NFPA/IEC standard colors
- \* Grey polycarbonate housing for use with wall mounting kit
- \* Audible alarm
- \* Dimensions: 5" square

#### Part Number PCT30017

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1440W
- \* Temperature Range: 0-1200°F
- \* Type J thermocouple jack

#### Part Number PCT30019

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1440W
- \* Temperature Range: 0-2400°F
- \* Type K thermocouple jack

#### Part Number PCT30018

- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 2880 W
- \* Temperature Range: 0-1200°F
- \* Type J thermocouple jack

#### Part Number PCT30020


- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 2880 W
- \* Temperature Range: 0-2400°F
- \* Type K thermocouple jack



### PCM-1000 Series Pre-Wired Power Control Boxes (NEMA 12 Indoor Use)



#### 16 Amp Rating

- \* TEC-9400 PID temperature control with bright LCD Display using NFPA/IEC standard colors
- \* Standard size thermocouple jack
- \* 5-foot, 3-conductor line cord
- \* 20A straight-blade heater receptacle with ground
- \* Fused at 20A
- \* 25A mechanical relay
- \* Enclosure Dimensions: 6"H x 6"W x 6"D
- \* Wall mounting slots: 4" centers side to side, 6-3/4" centers top to bottom
- \* Agency Approval:  File #: E307875

#### Part Number PCM10076

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1920 W
- \* Temperature Range: 0-1200°F
- \* Type J thermocouple jack

#### Part Number PCM10077

- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 3840 W
- \* Temperature Range: 0-1200°F
- \* Type J thermocouple jack

#### Part Number PCM10078

- \* Voltage: 120 VAC (1 Phase)
- \* Maximum Wattage: 1920 W
- \* Temperature Range: 0-2400°F
- \* Type K thermocouple jack


#### Part Number PCM10079

- \* Voltage: 240 VAC (1 Phase)
- \* Maximum Wattage: 3840 W
- \* Temperature Range: 0-2400°F
- \* Type K thermocouple jack

#### 24 Amp Rating



- \* Temperature Range: 0-2400°F
- \* TEC-9400 PID temperature control with bright LCD Display using NFPA/IEC standard colors
- \* NO-NC alarm contacts
- \* Terminal blocks for incoming power, heater power and universal sensor

- \* 32A magnetic contactor
- \* BX connectors for sensor, incoming & heater leads
- \* Disconnect & 30A heater fusing to be supplied by customer
- \* Agency Approval:  File #: E307875

#### Part Number PCM10080

- \* Voltage: 240 VAC (1 or 3 Phase)
- \* Maximum Wattage: 5760 or 9970 W
- \* Enclosure Dimensions: 10"H x 10"W x 6"D
- \* Wall mounting slots: 8" centers side to side, 10-3/4" centers top to bottom


#### Part Number PCM10081

- \* Voltage: 480 VAC (1 or 3 Phase)
- \* Maximum Wattage: 11,520 or 19,930 W
- \* Enclosure Dimensions: 14"H x 12"W x 6"D
- \* Wall mounting slots: 10" centers side to side, 14-3/4" centers top to bottom

#### 48 Amp Rating



- \* Temperature Range: 0-2400°F
- \* TEC-9400 PID temperature control with bright LCD Display using NFPA/IEC standard colors
- \* NO-NC alarm contacts
- \* Terminal blocks for incoming power, heater power and universal sensor

- \* 65A magnetic contactor
- \* BX connectors for sensor, incoming & heater leads
- \* Disconnect & 60A heater fusing to be supplied by customer
- \* Agency Approval:  File #: E307875

#### Part Number PCM10082

- \* Voltage: 240 VAC (1 or 3 Phase)
- \* Maximum Wattage: 11,520 or 19,930 W
- \* Enclosure Dimensions: 14"H x 12"W x 6"D
- \* Wall mounting slots: 10" centers side to side, 14-3/4" centers top to bottom

#### Part Number PCM10083

- \* Voltage: 480 VAC (1 or 3 Phase)
- \* Maximum Wattage: 23,000 or 39,900 W
- \* Enclosure Dimensions: 14"H x 12"W x 6"D
- \* Wall mounting slots: 10" centers side to side, 14-3/4" centers top to bottom