

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" \square 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 \square 3-1/2"W \square 3"D (120V units)
9-1/2"H \square 3-1/2"W \square 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 \square 3-1/2"W \square 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)



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

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:



- * 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

24 Amp Rating

- * 32A magnetic contactor
- * BX connectors for sensor, incoming & heater leads
- * Disconnect & 30A heater fusing to be supplied by customer

- * Agency Approval:



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:



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