

# Control Panels

## Type CP - Standard Contactor System

### APPLICATIONS

Designed to fulfill the control requirements of most heating process heating applications where rugged reliable service with additional safety contactor backup protection is desired.

### STANDARD FEATURES

Heavy gauge gasketed enclosure finished in grey acrylic resin with integral "Dead Front" switch, "Off-On" selector switch, "Power-On" pilot light, illuminated reset button, and digital indicating electronic temperature controller. Internally mounted components include circuit breaker with mechanism, control transformer with fused primary lines and fused/grounded secondary lines, mercury type control magnetic contactor(s) suitable for extended wear with frequent cycling, safety magnetic contactor(s), electronic over-temperature controller, fuses, and terminal strips.



### ENCLOSURE OPTIONS

- NEMA XII** Gasketed enclosure suitable for most indoor industrial applications. Enclosure is finished with factory applied and baked acrylic resin.
- NEMA IV** Gasketed enclosure with stainless steel hardware suitable for most outdoor non-hazardous industrial applications. Enclosure is finished with factory applied and baked acrylic resin.
- NEMA VII** Aluminum Cast and machined enclosure rated for Hazardous Locations - Class 1, Group D, Div. 1 and 2. Contact Gaumer Company Inc. for other locations.

### OTHER OPTIONS

- XL** Oversized Enclosure
- XXL** Double Oversized Enclosure
- XTIC** Additional Electronic Digital Temperature Control
- XOTC** Additional Over-Temperature Control Temp Range 0°F to 400(800)(1500)°F
- CR** Control Relay with one (1) set "Dry Contacts"
- MtrStr** Pushbutton Station, Pilot Lights, and Motor Starter
- Htr** Enclosure Heater with adjustable thermostat.
- UL** UL Listed

## Fenwal Electronic Controls

### Series 543 - Analog Non-Indicating Type

#### APPLICATIONS

Fenwal has offered this rugged analog type electronic non-indicating temperature control for many years. It is still in demand for replacement purposes of older equipment initially designed with this control.

#### STANDARD FEATURES

The temperature adjustment procedure is very simple to understand as is the set up procedure. The Manual Reset model features a latching relay that is fail-safe and does not need to be reset after a power interruption.



Fenwal Catalog Number	Temperature Range	TC Type	Control Output	Control Size	Wt. (lbs.)
54-301121-102	0-400F	J	On/Off	Case, Surface Mounting	2.0
54-301121-103	0-800F	J	On/Off	Case, Surface Mounting	2.0
54-301121-104	0-1000F	J	On/Off	Case, Surface Mounting	2.0
54-301121-106	0-2000F	K	On/Off	Case, Surface Mounting	2.0
54-302121-103	0-800F	J	High-Limit	Case, with Manual Reset	2.0
54-302121-106	0-2000F	K	High-Limit	Case, with Manual Reset	2.0
54-303121-102	0-400F	J	Proportional	Case, Surface Mounting	2.0
54-303121-103	0-800F	J	Proportional	Case, Surface Mounting	2.0
54-303121-106	0-2000F	K	Proportional	Case, Surface Mounting	2.0
54-303123-102	0-400F	J	Proportional	Case, Surface Mounting	2.0
54-303221-102	0-400F	J	Proportional	Case, Surface Mounting	2.0
54-401653-102	0-400F	J	On/Off	No Case	2.0
54-401653-103	0-800F	J	On/Off	No Case	2.0
54-401821-302	0-400F(200C)	J	On/Off	No Case	2.0
54-401821-303	0-800F(400C)	J	On/Off	No Case	2.0