

Universal I/P Dual Display 16 Path Profile Controller



SPECIFICATION :

Model	PRF-4D2
Over All Size	48*48*90 mm
Cut Out	44*44 mm
Mounting	Panel Mounting.
I/P Supply	230VAC, +/-15%,50Hz.
I/P Sensor	J/K/RTD (Field selectable)
Display Method	Upper = 4-Digit 0.56" RED or White 7 Segment LED display.for PV
	Lower = 4-Digit 0.39" GREEN LED display for SV.
I/P Sensor & Range	a) J-T/C-0 to 400°C
	b) K-T/C-0 to 1200°C
	c) RTD 1°C: -99°C to 400.C
	d) RTD-0.1: -99.9°C to 400.0°C
Indication Accuracy	0.25% of FSR or 2°C Max,Software Calibrated Lineariser.
Display Resolution	a) TC -1°C
	b) RTD-1°C or 0.1°C
CJC	Automatic Cold Junction compensation for TC.
Setting Method	By Front Keypad
No.Of Profile (Path)	1 to 16 (Field Selectable)

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No.of Ramp/Soak	1 to 16 (3-set point for each path)(Programmable)
Soak Time	1 to 9999 Minutes (Programmable)
Control Method	Control-1 -ON/OFF ,Cooling with delay & Auto-Tune PID (PID) (Field selectable)
	Control-2- High Alram
Control O/P	Relay-1- 1 C/O-Relay o/p (3A@230vac) & Opto Isolated SSR o\p (+12vdc)
	Relay-2- 1- C/O-Relay o/p (3A@230vac) or Opto Isolated SSR o\p (+12vdc) (Factory Set)
Setpoint-1	Main SetPoint
Setpoint-2	Heating, Cooling, High Alarm, Low Alarm, High /Low Alarm.
OutPut Indication	LED Indication on the front panel for Each O/P status.
EMC Standard	EN50081-2 & EN 50082-2 Generic Stds for Industrial Environment
Safety Standards	Meets EN61010, Installation Catagory II
Operating Ambient	0°C to 55°C
Storage Temperature	-10 to +70 °C
Operating Humidity	5~80%RH Non-condensing

Heatcon Automation