

Universal I/P Dual Display 16 Path Profile Controller



SPECIFICATION :

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| Model | PRF-9D2 |
| Over All Size | 96*96*50 mm |
| Cut Out | 92*92 mm |
| Mounting | Panel Mounting. |
| I/P Supply | 230VAC, +/-20%,50Hz. |
| I/P Sensor (Selectable) | J/K/RTD (Field selectable) |
| Display Indication | Upper = 4-Digit 0.56" RED or White 7 Segment LED display.for PV |
| (Dual display) | 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 |

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| No.Of Profile | 1 to 16 (Field Selectable) |
| 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 Alarm |
| 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