




RAMPS AND SOAKS
20 programs with 9 segments each




DETACHABLE FRONT PANEL
Easy commissioning



HIGH SAMPLING RATE
Ideal for dynamic processes



PROTECTION AND SAFETY
Anti-flame material UL94 V-2



USB CONFIGURABLE
Device configurable via USB with NOVUS free software

Input Type	TC J, K, T, N, R, S, B, E, Pt100 0-20 mA, 4-20 mA, 0-50 mV, 0-5 Vdc, 0-10 Vdc
Accuracy	Thermocouples J, K, T: 0.25 % of span ± 1 °C Thermocouples N, R, S, B: 0.25 % of span ± 3 °C Pt100, 0-20 mA, 4-20 mA, 0-5 Vdc, 0-10 Vdc: 0.2 % of span
Input Resolution	32767 levels (15 bits)
Sampling Rate	55 samples per second
Analog Output	0-20 mA or 4-20 mA
Output Resolution	31000 levels
Control Type	PID, PI, PD, P On/Off
Control Action	Heat or Cool
Control Output Type	SSR Pulse 4-20 mA control Relay
Alarm Types	Minimum, Maximum, Differential, Differential Low, Differential High, Open Sensor, Ramp and Soak Event
Open Sensor Detection	Loop Break / Heater break detection

Optional	Relay, Two Digital Inputs or Outputs, RS-485, Heater break detection
Communication	RS485 Modbus optional
Ramp and Soak Programs	20 programs with 9 segments each
Safety	Password protected configuration
Configuration Interface	USB type Mini B (powered)
Power Supply	100-240 Vac/dc 12-24 Vdc
Maximum Consumption	9 VA
Front Panel	IP65 Polycarbonate (PC) UL94 V-2
Enclosure	IP20 48 x 48 x 110 mm (DIN 1/16) ABS+PC UL94 V-0
Operating Conditions	5 to 50 °C (41 to 122 °F) and 0 to 80 % RH
Approvals	CE, RoHs, Reach, UL and cUL

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