ECEFast GECKO
Temperature control 10amp socket

Controller

Custom features supplied to order

- Auto tune PID heat & cool control
- Fast A-D sampling rate (5 times/s)
- Universal input (Pt100, K thermocouple)
- RS-485 optional interface
- SSR switched load for smooth power
- Wide variety of alarm mode selection
- Lockout protection control
- Soft-start ramp and dwell timer
- Bright display stabilized with digital filter
- High performance with low cost

Gecko from ECEFast is a modern plug in controller for ovens, refrigeration systems and furnaces. It will accept all sensors including Pt100, thermocouple and mV, V and mA, but is configured for two wire sensor inputs. RTD versions can be supplied on request. The controller uses fuzzy logic to set PID parameters and provides excellent control under most situations. It will ramp to set point at a set rate in °C/min and hold for a period set in minutes to 3600 mins. These features can be disabled to allow standard operation. All menu items not required to operate the Gecko can be hidden, so for example, only set point, ramp rate and hold time appear on the menu. RS485 digital communications is available as an option. The controller used is **Brainchild C62** – see separate listing for details.

- Standard input K thermocouple, option Pt100 with M12 connector to box
- Optional inputs: J,K,T,E,B,R,S & N thermocouple, Pt100, -10 to 10mV, 0-10V, 0/4-20mA
- Power supply 90-264 VAC
- Power output: 90-264 VAC max 10amps – in line mains socket
- Switching device: solid state relay - cycle time 1 sec to 120 sec.
- Display: 4digit colour LCD ~ resolution 0.1°C or 1°C.
- Power leads supplied: length 1.5 metres (sensor not included.)

Ordering Codes

EC-GECKO-K   Controller in a box, K input & 10amp output
EC-GECKO-RTD   Controller in a box, Pt100 input & 10amp output
EC-GECKO-CUSTOM   GECKO controller with custom features

Search GECKO on our website – for standard versions and buy on line

DOC # DS/M/AP