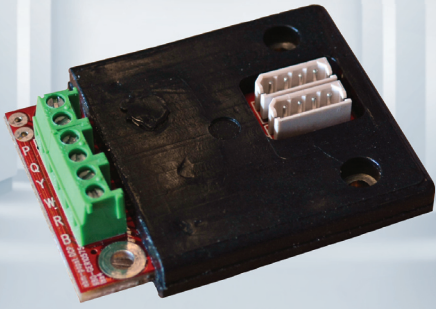


# EC Temperature Controller

This simple, low cost, credit card sized controller provides closed loop, temperature sensitive speed control for the full range of ebm-papst EC fans. Its patented design connects to the 10VDC output from the EC fan motor and requires no additional power supply.

The controller regulates fan speed against a pre-programmed temperature profile and also incorporates a combined fan fail, sensor fail and over-temperature alarm. Under alarm conditions the controller fails safe to demand maximum fan speed.



Part Number	Supply Voltage	Temperature Profile		Ambient Temperature	Max Humidity	Height	Width	Depth
	VDC	°C	°C	°C		mm	mm	mm
CEC102040MC-000	10	22-40	-20 to +75	90	45	56.5	8	
CEC102245UN-000	10	22-45	-20 to +75	90	45	56.5	8	
CEC103555MC-000	10	35-55	-20 to +75	90	45	56.5	8	

- Temperature sensitive speed control
- Alarm output, open collector interface
  - Fan failure
  - Over-temperature
  - Sensor failure
- Customised temperature profiles available on request
- Rugged over-moulded construction
- Significantly reduces energy consumption
- Supplied with 2M NTC temperature sensor

