

# ET

## ELECTRONIC THERMOSTAT



- Traditional electro-mechanical thermostats have never been considered ideal. Wide switching differentials inaccurate calibration and slow thermal response lead to an inevitable waste of energy. The Allen-Martin ET electronic thermostat directly replaces most electro-mechanical thermostats. Temperature setting is simple and accurate, using internal miniature switches adjustable in 1°C increments. The differential for normal room use is precisely pre-set at 0.25°C. Where wider differentials are required (e.g. for frost protection use), options of 0.5°C and 1.0°C are selected internally.
- By using a special switching relay and ultra-low power components, the power consumed by the electronic circuitry is so small that an unventilated enclosure is used, making the ET extremely resistant to vandal abuse. The attractive low-profile enclosure, manufactured in a tough nylon compound is designed to blend unobtrusively with any decor. A black bulb radiant heat detecting version is available.

SPECIFICATIONS

<b>Material</b>	White and grey textured flame retardant mineral filled nylon with brushed aluminium infill plate
<b>Dimensions</b>	150(h), 62(w), 25(d) mm
<b>Weight</b>	140g
<b>Storage Temp</b>	-65°C to 125°C.
<b>Operating Temp</b>	0°C to 70°C.
<b>Terminations</b>	Screw terminal connectors accept cable from 0.5 to 2.5mm diameter (flexible for final connection).
<b>Sensor Range</b>	ET1 10 to 25°C / ET2 0 to 15°C.
<b>Differential</b>	0.25°C / 0.5°C / 1.0°C
<b>Contacts</b>	1 normally open, 1 normally closed.
<b>Switching Capacity</b>	5A 250Vac, 5A 30Vdc (resistive).
<b>Accessories</b>	Escutcheon plate, Allen key to remove cover.