

HELIOS CONTROL

HELIOS TEMPERATURE CONTROL SYSTEMS

Designed and manufactured to provide industry with rugged reliable temperature control. The Helios range of controllers are housed in acid resistant poly-carbonate enclosures which feature tamper proof gasket sealed clear covers, and are fitted with both supply and load indicating neon lamps. Correct selection of the appropriate controller will ensure optimum energy utilization and improved production results. Contact Helios for technical advice.



HELIOS HC1

Used where the fitting of a thermostat is impractical, the HC1 offers a practical solution to temperature control by switching the supply to the heater, on and off at determined intervals. A double pole snap action switch opens and closes for short definite timed intervals – the proportion of time 'on' to 'off' being varied by turning the control knob. Two metres of power supply cable and a 3 pin plug receptacle are fitted as standard. Rating 10 amps 240 volt A.C.



HELIOS HC2

For accurate repeatable temperature control, the HC2 is fitted with a robust 16 amp thermostat. Simply mount or insert the stainless steel sensing bulb to the product or process and dial the temperature required.

Three temperature ranges available

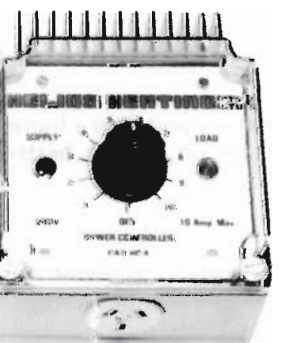
0 - 40°C
30 - 110°C
50 - 300°C

Two electrical entry points into the polycarbonate enclosures are provided, and a 1 metre capillary tube to sensing bulb is supplied as standard. Rating 16 amps 240 volt A.C.



HELIOS HC3

The HC3 incorporates a **three phase thermostat** which eliminates completely the need for an electrical contactor on resistive loads of up to 16 amps per phase – Two electrical entry points into the polycarbonate enclosure are provided and a 1 metre capillary tube to the sensing bulb is supplied as standard. Temperature range 30° - 110°C. Rating 16 amps per phase



HELIOS HC4

The Helios HC4 is a solid state voltage regulator which provides a constant, infinitely variable reduced output voltage to resistive loads. In application the beneficial effect of reducing voltage when compared to a timed switching control, is to provide constant gently heat, which in turn extends the service life of the heater concerned. Two metres of power supply cable and a three pin plug receptacle are fitted as standard. Rating 10 amps 240 volt A.C.