

TT12Z-TP, TT12-TP-DEV TT24Z-TP, TT24-TP-DEV

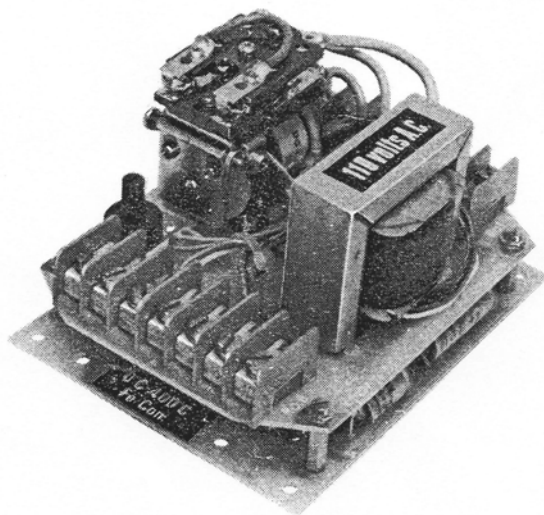
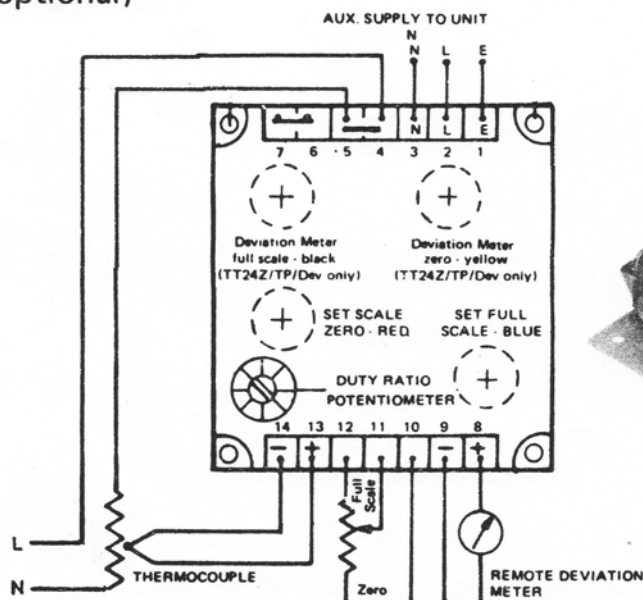
A Temperature Control Module operating directly from a thermocouple with an internal relay to switch a heater or contactor coil.

The module has a two tier printed circuit board construction for minimum plan area, and is intended for back of panel mounting, with a remote potentiometer (or Decade Switch), to set the control temperature. An output from the module is available to directly drive a deviation meter.

The electronic circuit features an adjustable time proportioning action to obtain accurate control, (typically $\pm 1^{\circ}\text{C}$), and minimum temperature overswing. The frequency of relay switching can be adjusted by the duty ratio potentiometer on the module to give the required accuracy consistent with relay life.

SPECIFICATION:

Operating differential:	less than 50 micro volts
Type of thermocouple:	IC (fe-CON), CA (NiCr-NiAl)
Supply:	110Vac or 240 Vac 50 or 60Hz
Contact rating:	15A at 240Vac – Double break action
Thermo-break:	Open circuit thermocouple causes relay to de-energise
Cold Junction Compensation:	fitted as standard
Deviation Output: (optional)	50-0-50 micro amps



When ordering
please specify:

- Type – TT24Z/TP or TT24Z/TP/DEV (with deviation output)
- Supply voltage
- Type of thermocouple
- Temperature scale
- Remote scale potentiometer or Decade Switch (Digimin) if required.