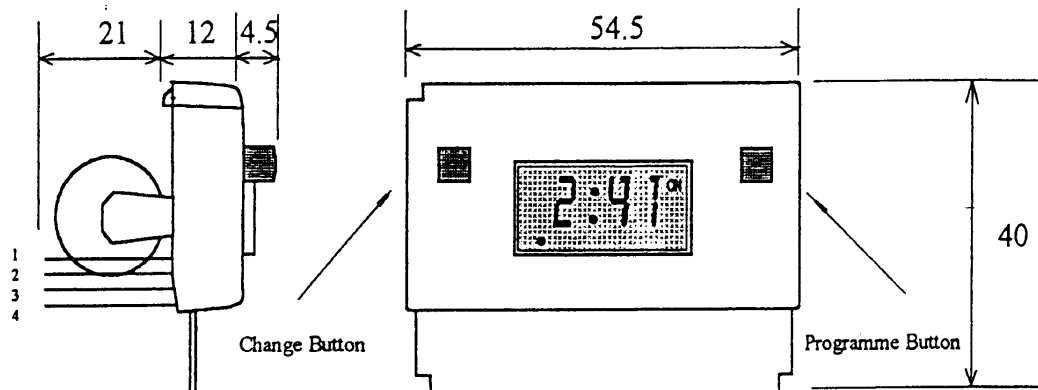


DATA SHEET

MEU11 24 hour industrial time controller module



- * 4 ON /OFF Programmes
- * Easy 2 button programming.
- * Change/Override until next programme.
- * Rechargeable Metal Hydride battery back-up with 1000 Hr reserve.
- * Requires only an external diode, resistor and relay to switch mains.
- * Temperature range 0° to 55° C.

Operation

The programme button advances programme steps and the change button the hours and minutes which flash. Time of day is set first and is updated during the programming period. Programmes 1 to 4 follow.

If, during programming, no button is pressed over a period of one minute then the display will revert to normal operation.

In normal operation, Pressing the change button changes the output until the next programme step.

Connections

Pin 1 Positive battery charge plus relay current. Min 0.50 mA (No relay)

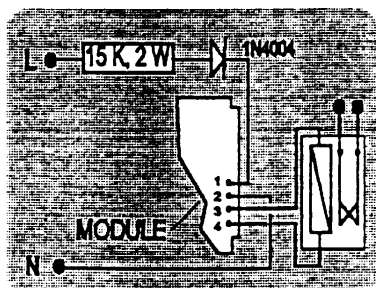
Pin 2 Common

Pin3 Relay connection.

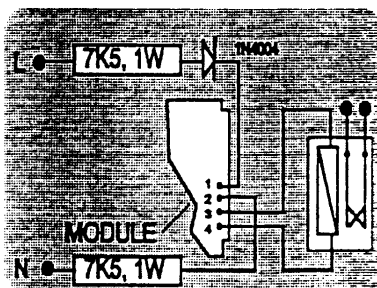
Pin 4. Output and relay connection. NPN open collector. Max. 10 mA, 47 V.

Typical Usage

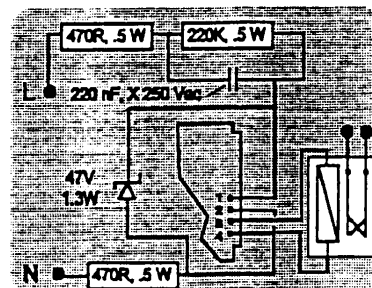
The following examples show the module driving a Shrack 48 V relay with power derived from the mains. Type RP330048 or RP331048 (Changeover contacts). In these configurations the relay pulls in at 47 V and is held at above 24 V with mains voltages down to 200 V.



Single Resistor PSU



Two Resistor PSU - gives Optimum EMC Performance



Capacitor PSU