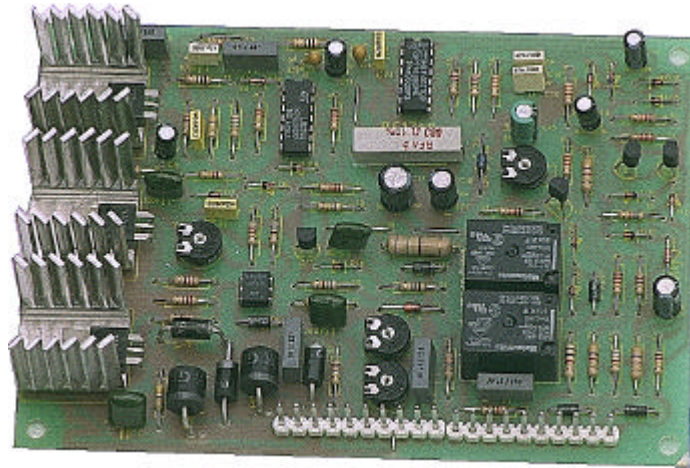


RE 174

ELECTRONICS CARD FOR SPEED REGULATION OF WIRE MOTOR FEED



Features :

- Single phase bridge with two diodes and two thyristore as AC/DC converter.
- Constant torque as operative characteristic with single loop for control.
- External speed reference through potentiometer or other voltage reference variable between 0 to 10V.
- Input impedance 20K Ohm.
- Internal trimmers to calibrate min. speed , Max speed , soft-start , burn-back.
- Speed feed-back through armature voltage .
- Dynamic braking of the motor , through a thyristore.
- Separately command for gas valve and contactor.
- Normal or latching command (two time-four time).
- Torch bottom operating in two time or four time command.
- External resistor for R*I compensation (optional).
- Single supply voltage between 42 to 50V.

Spot timer :

- Enabling with timer potentiometer rotation.
- Time settable between 0.3 to 5 sec.

