



MODEL 247 TWO QUADRANT FIRING CIRCUIT
PART NUMBER 12M03-00137-01
APPLICATION NOTES

1. The circuit can be used to fire at least two thyristor configurations, a single full wave bridge or a two-thyristor configuration supplied from a center-tapped transformer.

The REFLEX Model 254 four-thyristor bridge is recommended, and includes isolated pulse amplifiers. This is shown in simplified schematic diagram AN-0146.

2. The AC supply to this assembly must be connected to the same AC phase as the power being supplied to the thyristor bridge, and relative polarities between the two inputs must be observed.
3. If other functions such as Tachometer Feedback or Danter Position Control, as shown in schematic diagram AN-0148, are required, the full output of the appropriate REFLEX module should be connected to terminal 10. In this case the jumper from terminals 9 to 10 is not used.



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