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**Item # 910-5252-021, D1000 - 110/230VAC Single Phase SCR Power Controller 30A**



**D1000 - 110/230VAC Single Phase SCR Power Controller 30A**

The IPC D1000 low cost single-phase SCR power controller offers variable-voltage phase-angle control for a variety of applications. All-digital firing is immune to AC line distortions, RF and noise. These rugged controllers feature many standard features such as soft-start, voltage or current control input, AC or DC output, open or closed-loop operation and a variety of AC or DC feedback options. 4-20 ma current input with offset and bias adjustments. Adjustable current limit. 30 Amp DC continuous rating. (Higher currents or other voltages on request) Small footprint saves valuable space. Simple hookup.

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**FEATURES**

- Digital Firing
- Current Limiting and Over current Trip Detection
- Open Loop (no external feedback) or Closed Loop Operation
- Regulation of 1% or better
- Fast Response - 16 milliseconds, Open loop
- On/Off Control Switch
- User Trip Input allows an external source to shut down the control.

**SPECIFICATIONS**

Control Voltage	User adjustable from 125 to 250%
Input Voltage	0 to 10 Volts DC, four to 20 ma optional
Output Voltage (DC)	0 to 110/220 Volts AC
Current Rating	30 Amperes Continuous, 90 Amps peak
Current Limit	User adjustable from 50 to 100%
Overcurrent Trip	User adjustable from 125 to 250%