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Contact Information

Date:

Contact Name:	
Customer Name:	
Phone:	Email:

Assembly Type

- PCM, Power Control Module
- PCA, Power Control Assembly
- PCP, Power Control Panel

Voltage and Current

AC Input Voltage: _____ VAC 1-Phase 3-Phase 6-Phase
 Mains Frequency: 50/60Hz Specify: _____
 Output Voltage: _____ Max Output Current: _____ Duty Cycle: _____%

Circuit Type

- AC Controller
- DC Converter, Two-Quadrant
- DC Converter, Four-Quadrant

Firing Circuit Regulation

- Open Loop (Delay angle command)
- Voltage Regulation
- Current Regulation

Environmental and Physical Specifications

Desired maximum envelope size: _____ x _____ x _____ (H x W x L) inches cm
 Assembly mounting orientation (along long axis): Horizontal Vertical* *If Vertical, please choose line or load connection @ the top.
 Mounting Plate: No Yes LINE CONNECTION @ TOP LOAD CONNECTION @ TOP
 Severe environment (shock, vibration, humidity) No Yes (if yes, describe in "Additional Requirements" below)
 Maximum ambient temperature: _____ °C
 Cooling: Natural Convection (Low current) Cooling Fan (On assembly)
 Forced Air (Customer-supplied) Minimum air flow available: _____ CFM

Control and Feedback Signals

Delay Angle Command (open loop): 0-5 VDC 0-10 VDC 4-20 mA Other, specify: _____
 Instant Enable/Inhibit: Customer-provided contact closure Relay (Coil voltage: _____ AC DC)
 Soft Enable/Inhibit: Customer-provided contact closure Relay (Coil voltage: _____ AC DC)
 Soft-start time: _____ ms Soft-stop time: _____ ms
 Enable Status Signal: Current-limited open drain transistor Relay Contacts (Dry contacts, NC NO)
 Fan over-temperature switch (Automatically enables fan at 60 C heat sink temperature if installed)
 Over-temperature instant inhibit (Instantly inhibits SCR firing at 93 C heat sink temperature if installed)
 Heat sink temperature sensor assembly (100-ohm platinum element RTD for external temperature monitoring)

Application Description

Additional Requirements