

AC SECONDARY POWER DISTRIBUTION



FEATURES & BENEFITS:

- Supports up to 24, 115 VAC, 7.5 Amp Solid State Power Controllers (SSPCs)
- Solid-state speed and reliability for advanced wire and load protection
- Supports single and 3-phase loads
- Precision low-noise zero-cross switching
- Outputs can be paralleled to support higher current loads
- Customizable I₂T trip-curves
- Patented arc-fault and fail open technology
- Comprehensive Built-In-Test (BIT) functionality
- Convection cooled. No external cooling system needed
- Ground / Open discrete inputs and outputs
- Up to 180 Amps steady-state current (60 Amps per phase)
- AC input bus range: 90 VAC to 134 VAC
- Frequency range: 40Hz to 1,000Hz
- Operating temperature range: -40°C to +70°C
- Includes our exclusive Logic Designer System enabling users to create customized, event driven behaviors to control SSPC and discrete outputs

COMING SOON!

Distribute, control, and protect using our 3-Phase 115 VAC Secondary Power Distribution Unit. Capable of continuously delivering 180A across 24 independent SSPC channels, our SPDU replaces traditional circuit breakers and switching relays with industry leading solid-state performance, flexibility and safety.

Designed for all load types, the AC SPDU provides arc-fault protection and our patented fail-open protection while remaining compatible to MIL-STD-704 and DO-160 requirements for surge, in-rush currents and EMI / EMC. It also provides extensive redundancy, self-testing and maintenance logging to assure load and wire protection and provide troubleshooting tools.

Customize for your application without software modifications. Using up-loadable data tables, remotely configure the SPDU to meet new performance requirements, add timing and control logic, support a wide-ranging of loads or quickly adapt to specific missions or optional detail packages.

