


POWER SWITCHING & CONVERSION SYSTEMS

STS-PC Power Panel



In today's modern high-speed, high-volume Internet and corporate data centers, space is at a premium. While ensuring uninterrupted power to protect precious data is critical in these facilities, efficient space utilization is also a major consideration. To meet both of these needs, L-3 Communications/Power



Switching & Conversion Systems designs its famous microprocessor-controlled, fault-tolerant automatic static transfer switch (STS) in a configuration that will seamlessly integrate into OEM equipment.

The STS-PC Power Panel is designed to mount in a switchgear panel or power distribution unit (PDU) that has the necessary circuit breakers for bypass and isolation. It automatically transfers critical loads from a primary power source to an alternate power source in the event of interruption in less than 1/4 cycle — more than 16 times faster than traditional electromechanical switches. This provides the ultimate in power protection for even the most sophisticated computer systems.

Series STS-PC High-Speed, Digital Static Transfer Switch Power Panel

Standard Features:

- Continuous monitoring of sources
- Automatic-transfer operation
- Manual-transfer capability
- Redundant-logic power
- Transfer between dissimilar sources of power
- Automatic retransfer with adjustable time delay
- Extensive self-monitoring capabilities
- Remote control and monitoring
- Additional RS-485 control and monitoring port
- All adjustable parameters set digitally
- Parameter settings may be password-protected
- UL 1008 — consult factory

Applications:

- Internet-related data centers
- Corporate data centers
- Communication centers
- Utilities
- Airports and military bases
- Power-generation and industrial plants

Options:

- Installation and start up
- Site testing and training programs
- Spare parts
- Maintenance contracts
- Metering
- Data logging

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