

STS3000-4000

STATIC TRANSFER SWITCH

3 PHASE, 3&4 POLES

- ➔ VERY FAST UNINTERRUPTED TRANSFER
- ➔ ADVANCED COMMUNICATION
- ➔ MICROPROCESSOR CONTROL
- ➔ CHASSIS TYPE OPTION (*)

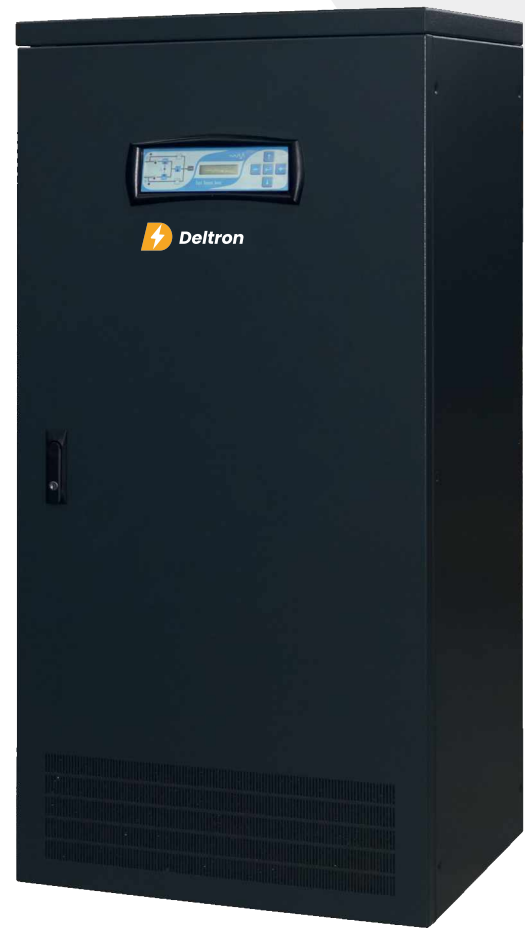


STS 3000-4000 3 phase, 3&4 pole static transfer switch transfers uninterruptedly critical loads to either of two independent AC power lines. The system monitors two AC inputs. If any of them goes out of the specified tolerance, it transfers the critical load to the other. By increasing the energy quality of the systems used with STS 3000-4000, while reducing the effects of interference and short interruptions, a backup power system is gained.

(*) Some range of deltron three or four-pole STSs are also available in chassis version. They are mainly used as building blocks in power distribution systems. They do not have protection equipment and cabinet covers on the unit but they are mainly used for uninterruptible transfer between alternative AC power sources.

GENERAL SPECIFICATIONS

- Full digital control with microprocessor controlled structure
- 2 AC inputs with 3 phase switching
- Easy installation and maintenance
- Compact design
- Wide input voltage range
- "Break Before Make" type transfer
- Very fast uninterrupted transfer even in case of any failure (≤4ms- for senconised sources)
- Selectable preferred source
- Fuse-free construction with a robust, high reliability SCR
- Digitally controlled system set points
- Programmable synchronized and unsynchronized transfers
- Convenient and multifunctional front panel and diagnostic codes
- Transfer inhibit system over a certain current value
- Overload, over temperature and short circuit protections
- Convenience during maintenance and repair with Isolated Maintenance Bypass
- Remote monitoring of energy resources
- TCP / IP, SNMP, MODBUS and RS232 infrastructure for communication
- Dry-contact interface
- Internal cooling fans
- Optional external AC power supply socket outlet
- Optional SNMP adaptor



ELECTRICALENVIRONMENTALPHYSICAL

* Weights and Dimensions in paranthesis belong to deltron Chassis-type STSs.