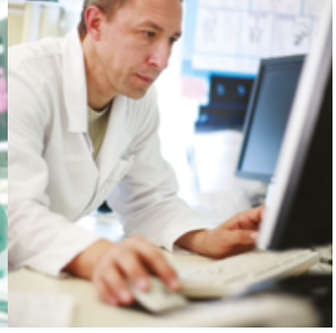






STS 2000 SERIES

STATIC TRANSFER SWITCHES

1 phase out, 2 poles static transfer switches

Tescom STS, allows instantaneous transfer of power sources to the load. If one power source so fast that the load never recognizes the transfer made.

GENERAL SPECIFICATIONS

- Increased power quality
- Increase noise reduction
- Power blackout protection
- Power redundancy
- Automatic static switching
- Remote monitoring input power sources
- Easy static and mechanical transfer to input sources
- Remote management the power events
- Power event logging
- Output current capability up tp 1000% for short time
- 19" Rack cabinet
- Hot swap option
- Manufactured according to EC Directive: EN62310
- 5 years spare parts support
- 2 years warranty



Tescom®

CE



STS 2000 SERIES

TECHNICAL SPECIFICATIONS

MODEL	STS2032	STS2063	STS2120
Nominal current	32 A	63 A	120 A
ELECTRICAL DATA			
Input voltage	220/230/240 VAC 1P + N + G		
Input voltage range	180-264 VAC (Ph-N)		
Input frequency	50Hz / 60Hz		
Input frequency range (operation range adjustable)	46-54Hz (for 50Hz) 56-64Hz (for 60Hz)		
Transfer type	"Break before make"		
Transfer methods available	Automatic / Manual / Remote		
Transfer control	Synchron With adjustable delay (non synchron) Zero current (non synchron)		
Transfer time	≤ 4 msec for synchronous sources ≤ 10 msec for non-synchronous sources		
Switching type	1 phase + Neutral switching (2-Poles)		
Output current crest factor	3:1		
Admissible overload	0-100% continuous 101-150% 1 minute 151-200% 10 seconds > 200% 250 msec		
Protections	Output overload and short circuit protection, Overtemperature protection, Backfeed protection		
LCD panel and mimic	Standard		
Communication	RS232 standard , RS485 optional		
TCP/IP connection	Optional		
Dry contacts	3 programmable relay outputs		
Breaking current capacity (SW1,SW2)	10 kA		
ENVIRONMENTAL DATA			
Cooling	Forced cooling (redundant fans)		
Cooling air direction	From front to rear		
Operating temperature	0°C - 40°C		
Storage temperature	-10°C up to +50°C		
Relative humidity	90% max. (non-condensing)		
Protection degree	IP20		
Standards	EN 62310-1, EN 62310-2		
Max. operation height	1000m. at nominal current rating		
Acoustic noise	< 50		< 52 dBA
MECHANICAL DATA			
Weight (kg)	12	13	20
Dimensions	2U (19"rack),depth = 600mm (hot-swappable = 610mm)		3U (19''rack),depth = 590mm (hot-swappable = 685mm)
Power cables connection	Clip-on terminals (on the rear panel)		