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GEN STS 2000 SERIES

STATIC TRANSFER SWITCHES



1 Phase out, 2 poles Static Transfer Switches

*GENERG GEN 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 to 1000% for short time
- 19" Rack cabinet
- Hot swap option
- Manufactured according to EC Directive: EN62310
- 10 years spare parts support
- 2 years warranty





GEN 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 = 530mm (hot-swappable = 630mm)		3U (19"rack), depth = 590mm (hot-swappable = 630mm)
Power cables connection	Clip-on terminals (on the rear panel)		