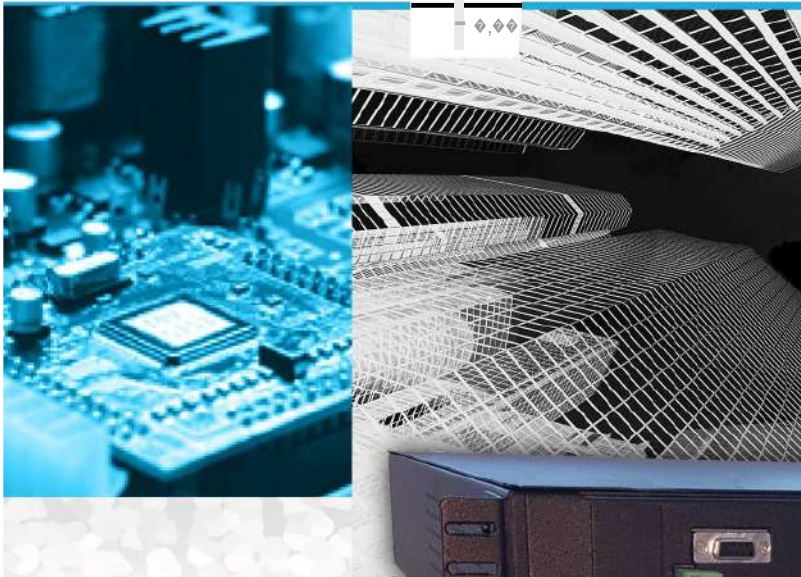


WERNER STS **SERIES** (1P-2P)

MONO-PHASE STATIC TRANSFER SWITCHES **32A to 120A**





WERNER-STS 1P-2P SERIES

WERNER-STS, allows instantaneous transfer of power sources to the load device to ensure continuous and reliable power distributions.

- 2 AC input with 1 phase switching
- Uninterruptible transfer between the independent sources
- Synchron / Asynchron transfer feature
- Source priority selection
- 1 pole and neutral transfer 2 pole option
- Automatic and Manual transfer in case of failure on both sources
- Internal manual bypass
- Event Log with Detailed Parameters
- Module replacement without interruption under load at hot-swap models
- Input voltage parameter selection from the menu
- Due to the high current capability STS do not include any fast fuses causing any interruption
- Easy Maintenance
- High Efficiency
- RS232/RS485 communication capabilities
- Modbus, SNMP multi communication
- Dry contacts



WERNER ZÜGIG
Power Products

WERNER POWER PRODUCTS

<https://www.aflexwn.com/>

WERNER-StS Series

(1 and 2 Pole)



MODEL	N-STs 1032	N-STs 1050	N-STs 1063	N-STs 1080	N-STs 10100	N-STs 10120
	N-STs 2032	N-STs 2050	N-STs 2063	N-STs 2080	N-STs 20100	N-STs 20120
Nominal current	32A	50A	63A	80A	100A	120A
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)	46-54 Hz (for 50 Hz) 56-64 Hz (for 60 Hz)					
Transfer Type	"Break before make"					
Transfer Methods Available	Automatic/ Manual/ Remote					
Transfer Control	Synchronous With Adjustable Delay (non-synchronous) Zero Current (non-synchronous)					
Transfer Time	<= 4 msec for synchronous sources <= 10 msec for non-synchronous sources					
Switching Type	1 phase (1-Poles), 1 phase+ Neutral switching (2-Poles)					
Output Current Crest Factor	3:1					
Admissible Overload	0-100% continuous 101-150% 1 minute 151-200% 10 second >200% 250 msec					
Protections	Output overload and short circuit protection, Overtemperature protection					
LCD Panel and Mimic	Standard					
Communication	RS232 standard, RS485 optional					
SNMP Connection	Optional					
Dry Contacts	3 programmable relay outputs					
Modbus	Available					
Environmental Data						
Cooling	Forced cooling					
Cooling Air Direction	From front to rear					
Operating Temperature	0°C-40°C					
Storage Temperature	-10°C 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	<45 dBA				<52 dBA	
Mechanical Data						
Weight (kg)	15	16	19	20		
Dimensions	2U (19"rack), depth = 500 mm (Hot-swappable= 668 mm)			3U (19"rack), depth = 500 mm (Hot-swappable = 668 mm)		
Power Cables Connection	Terminals					