



Static Transfer Switch

Standard Features

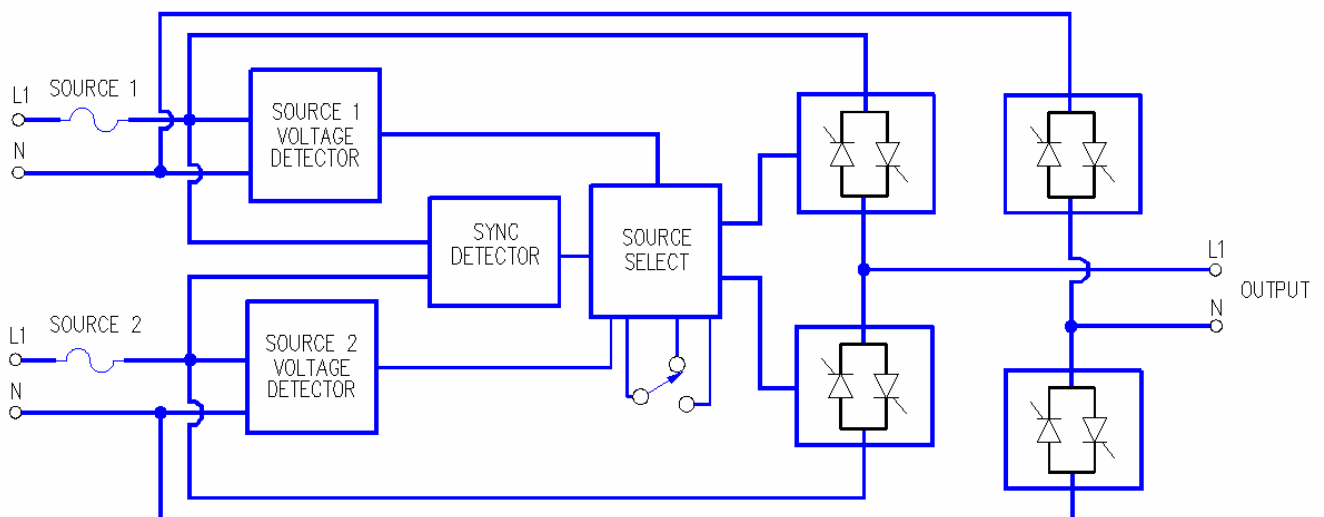
- Ultra Fast, ½ cycle transfer between AC Sources
- Solid State switching devices (no contactors or relays)
- Selectable manual or automatic transfers
- Industrial design for high reliability
- Break-Before-Make switching eliminates the risk of out-of phase transfers between sources
- Preferred input source selector switch
- Integral surge suppression on both input sources
- User friendly display panel
- Adjustable transfer times for delayed transfer requirements
- Alarm interface Form C contacts
- Rack or wall mount NEMA 1 design



The LTI static transfer switch will provide virtually uninterrupted power to any critical load by automatically or manually selecting between one of two AC input sources. If the preferred source deviates outside of preset limits, the unit will instantaneously transfer to the secondary source. Upon return of the preferred source to within acceptable limits, the static switch will automatically retransfer the load back. This insures that the sensitive load is always being supplied the best available power from the two different sources.

Typical Input Sources

- UPS
- Inverters
- Motor Generators
- Dual Substations
- AC Regulators



DOUBLE POLE 120VAC STATIC SWITCH SHOWN



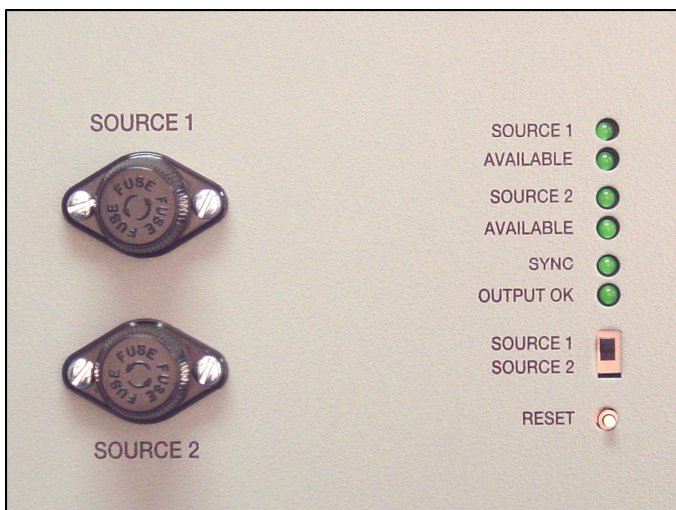
Static Transfer Switch

Technical Specifications

ELECTRICAL				
Model	LTSS20	LTSS30	LTSS40	LTSS50
Input Voltages (V)	110, 120, 208, 220, 230, 240			
Continuous Current	20A	30A	40A	50A
Load PF Range	0.5 to 1.0 leading or lagging			
Load Crest Factor	Up to 4:1			
Input Voltage Distortion	Up to 10% THD with notches and ringing transients			
Overload Capability	125% for 2 Hours, 150% for 15 Minutes, 1000% for 2 cycles			
ENVIRONMENTAL				
Operating Temperature	32°F to 122°F (0°C to 50°C)			
Storage Temperature	-40°F to 176°F (-40°C to 80°C)			
Operating Altitude	Up to 4000 feet (1200 meters) above sea level without de-rating			
Relative Humidity	0 – 95% without condensation			
Audible Noise	< 55 dB(A) Scale @ 1 meter			
ENCLOSURE				
Dimensions	7"H x 19"W x 13"D			
Weight	23 lbs. (10.43 kg)			
Color	Light Gray			
Cable Entry	Rear			
Rating	NEMA 1			

Note: All data is subject to change without notice.

USER FRIENDLY STATUS DISPLAY



TOP/REAR INTERNAL VIEW

