



# Static Transfer Switch

## Standard Features

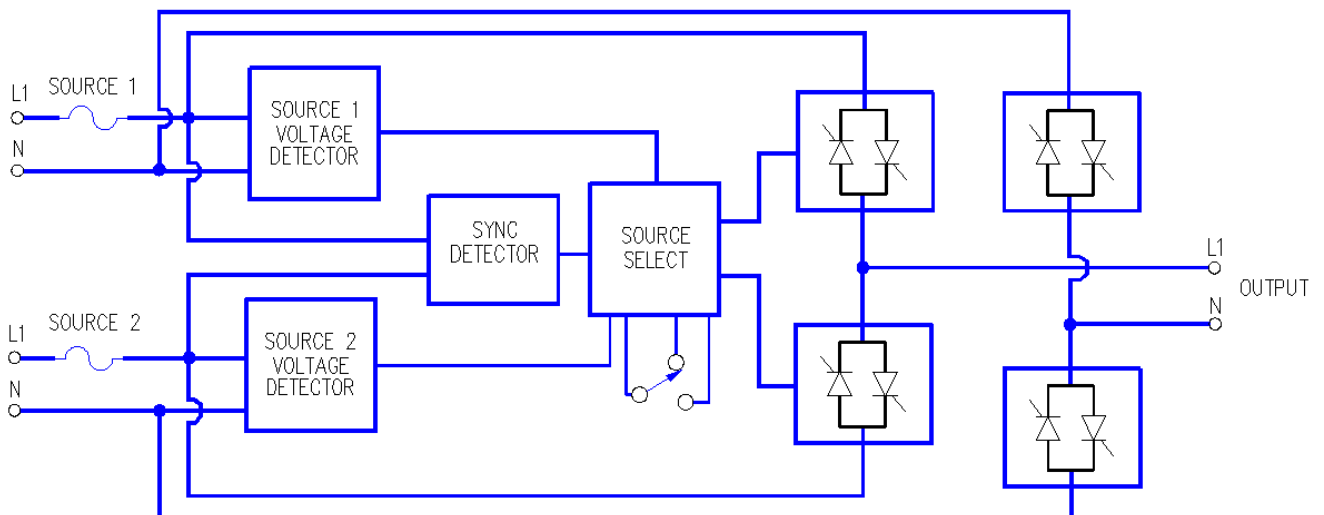
- Ultra Fast, ½ cycle transfer between AC Sources
- Solid State switching devices (no contactors or relays)
- Selectable manual or automatic transfers
- Industrial design for high reliability
- Break-Before-Make switching eliminates the risk of out-of phase transfers between sources
- Preferred input source selector switch
- Integral surge suppression on both input sources
- User friendly display panel
- Adjustable transfer times for delayed transfer requirements (up to 10 seconds)
- Alarm interface Form C contacts
- Rack or wall mount NEMA 1 design
- All steel enclosure



## Typical Input Sources

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

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 load is always being supplied the best available power from the two different sources.



DOUBLE POLE 120VAC STATIC SWITCH SHOWN

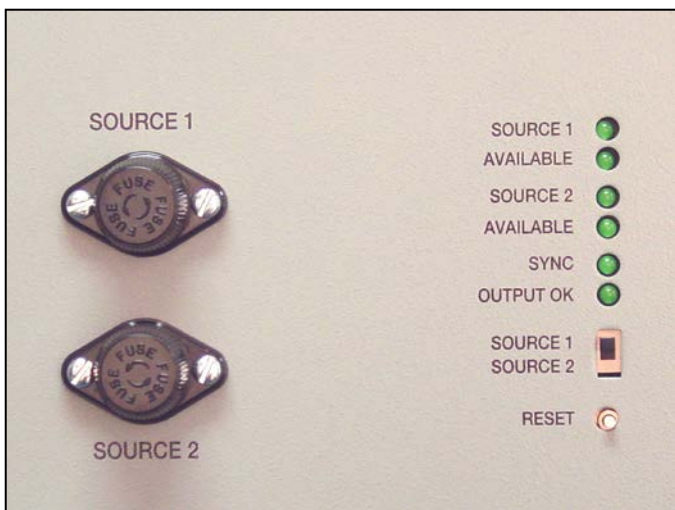


# Static Transfer Switch

Technical Specifications							
ELECTRICAL							
Model	LTSS20	LTSS30	LTSS40	LTSS50	LTSS60	LTSS100	LTSS125
Input Voltages (V)	110, 120, 208, 220, 230, 240						
Continuous Current	20A	30A	40A	50A	60A	100A	125A
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

