

SOLTEC

**Industrial
Type Design**
Suitable for
All Applications



ST Series 50-150A

Static Transfer Switch (10)

Features

- Fast transfer (typical) : 1.5~2ms(0 degree different), 2~6ms(<90 degree different)
- Geometrical increase in output availability
- Compact size : 44cm x 44cm x 55cm (W*H*D)
- Light weight : 24 ~ 30kg
- High efficiency >99%
- Easy installation : rack mount & terminal blocks
- Easy start-up : use switch button
- Fast repair : plug & play power module
- Quiet operation : <50dB
- Input phase difference acceptable
- Single/three phase selectable
- Voltage range +/-5,10,15,20% selectable
- Frequency range +/-0.5,1.0,1.5,2.0,2.5 Hz selectable
- Sensitivity low/medium/high selectable
- Break before make transfer sequence
- Manual/automatic transfer selectable
- Manual/automatic return selectable
- Manual bypass use breakers (with inter-lock)
- Protect against incorrect breaker turn on
- Accept harsh environment.
- Customer design up to 1000A
- Ultra-compact rack-mount
- Static transfer switch



* SPECIFICATIONS : Static Transfer Switch

MODEL :	ST-50	ST-100	ST-150
Rated Current	50A	100A	150A
Rated Voltage	120/208 or 220/380 or 230/400 or 240/415 or 277/480V		
Phases	Single or three		
Input Voltage Tolerance	±5,10,15,20% selectable		
Nominal Frequency	50 or 60 Hz selectable		
Input Frequency Tolerance	±0.5,1.0,1.5,2.0,2.5 Hz selectable		
Phase Difference Between 2 Inputs	5,10,15,20 or don't care selectable		
Sensitivity	Low / Medium / High selectable		
Transfer Sequence	Break before make		
Transfer Mode	Manual/Automatic		
Return Inhibit	Manual/Automatic		
Transfer Time	1.5~3ms (0 degree difference)		
	3~6ms(<90 degree difference)		
Efficiency(Full Load)	> 99%		
Ventilation	Fan		
Operation Temperature	0-40°C (32-104 °F)		
Operation Altitude	<2000M (derate 5% every 1000M)		
Humidity	0~90% (non-condensing)		
Audible Noise(At 1M)	50dBA		
Standards	EN62310-1(safety) EN62310-2(EMC)		
Dimension (H x W x D) (mm)	440*440*550 (10U)		
Weight (kg)	24	26	30
Color	Customer selectable		

*Specification are subject to change without prior notice.

Spec.STD 04.10.19



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