

STS Series Static Transfer Switch

50-1600 A | Three Phase

- Microprocessor Control
- User Friendly
- High Safety

✓ TECHNOLOGY

- With 3 / 4 pole
- High efficiency
- Steady operation
- Maximum sensibility

✓ RELIABLE

- Adjustable input voltage tolerances ($\pm 25\%$)
- Automatic Activation
- Adjustable transfer
- Zero current switching
- Local and remote emergency power off (EPO)
- Short circuit, lightning and over voltage protection
- Phase sequence protection
- SCR failure detection

✓ USER FRIENDLY

- Reduced weight/volume/footprint
- Touch screen TFT LCD user interface
- Multilanguage option
- Advanced data and event record
- 1024 real time event log and easy download
- Data analysis via panel
- Multi communication options
 - RS232/RS485 (standard)
 - USB Port (standard)
 - SNMP (standard)
 - Advance monitoring options (standard)
- Remote monitoring and management
- Programmable dry contacts and programmable custom inputs
- Smart fan control
- Fan backup
- 10 years spare part warranty
- 7/24 technical support and customer service

✓ STANDARDS

- EN 62310-1 (Safety)
- EN 62310-2 (EMC)
- CE, ISO 9001:2008, ISO 14001, GOST



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STS SERIES STATIC TRANSFER SWITCH TECHNICAL SPECIFICATIONS

	Current (A)	50	100	200	250	300	400	630	800	1000	1200	1500	1600
INPUT	Voltage	380 / 400 / 415 Vac 3-faz + N											
	Voltage Tolerances	-%15, +%15 (Adjustable)											
	Frequency	50 / 60 Hz											
	Frequency Tolerances	± 10% (Adjustable)											
	Pole number	3-Poles / 4-Poles											
	Crest Factor	3,5:1											
TRANSFER	Transfer Mode	Break Before Make Switching											
	Transfer Time	≤ 5 msec (between synchronous sources)											
		≤ 10 msec (between unsynchronized sources)											
	Transfer Control	synchronous											
		Delay adjustment between unsynchronized sources											
		Zero current transfer between unsynchronized sources											
	Transfer Methods	Automatic											
Manuel													
Remote (with SNMP or WEB)													
OVERLOAD CAPACITY	≤ 110%	60 min											
	≤ 130%	10 min											
	≤ 150%	2 min						1 min					
	≤ 200%	10 sec						2 sec					
	≤ 500%	250 msec						100 msec					
GENERAL	Protection	SCR failure detection											
		Overload											
		Electronic short circuit											
		Phase sequence failure											
	Switching	3-phase switching											
	Control	Microprocessor											
	UPS Compatibility	Compatible operation with ELEN C, D, EC, ED, E1, E2 and E3											
	Communication (Standard)	HTTP, SNMP, USB, RS232, RS485, MODBUS											
	Remote Monitoring	Remote monitoring panel (optional)											
	Programmable Dry Contacts	3 (standard), 7 (optional)											
	Programmable Custom Inputs	4											
	Touch Screen TFT LCD User Interface	Standard											
	Efficiency	≥ 99%											
Cooling	Fan backup												
ENVIRONMENT	Operating Temperature	0°C - 40°C											
	Storage Temperature	-10°C - +40°C											
	Relative Humidity	% 0-90 (without condensation)											
	Altitude	≤ 2000 m											
	Noise Level (dB (A))	< 50			< 55			< 60			< 70		
UPS CABINET	Dimensions (W x D x H) (mm)	630x660x1470			705x810x1670			780x810x1850			1260x810x1850		
	Degree of Protection	IP20											
	Color	RAL7012											
STANDARDS	Safety	EN 62040-1											
	EMC	EN 62040-2											
UPS LIFETIME		10 YEARS											

ReDeal reserve the right of changing information in this without report.

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