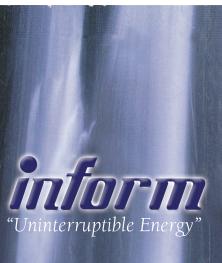
infoSTS INFORM STATIC TRANSFER SWITCH

3 Phase in - 3 Phase out / 50Amp to 400Amp

Increased power quality Easy monitoring all parameters on LCD display Fast microcontroller (32 mips) Power blackout protection Automatic static switching Remote monitoring of input power sources Easy static and mechanical transfer between separate input sources Remote management of power events Power event logging Advanced RS232 communication features DRY contact alarm interface Password protected login system from remote site (timed Access) 2 redundant power supplies for electronic boards (hot swappable) Easy front access to all components inside of the STS Second protection cover on live circuits which prevents electrical shock Input sources protected by fuses 3 positioned Maintenance bypass switch which prevents cross currents between input sources User adjustable parameters by entering a password. Built in real time clock. Alarm history (with their date and time) Automatic transfer test from a remote site or using front panel Front panel Lamp test External emergency shutdown (EPO) input Hot plug construction during maintenance bypass High current output tolerant up to 1000% Temperature sensor inside the Cabinet Fast voltage black-out circuit Input phase balance and phase sequence fault detect circuit Adjustable Input source frequency lower/upper limits









INFORM STATIC TRANSFER SWITCH SPECIFICATIONS

	MODEL - 3pole	STS350	STS3100	STS3150	STS3200	STS3250			
	MODEL - 4pole		STS4100	STS4150	STS4200	STS4250	STS4300	STS440	
NPUT									
	Voltage	380,400VAC, (3 wires for 3pole version And 4 wires for 4pole version)							
	Voltage Range	310-430VAC							
	Frequency	50 or 60Hz +/-5%							
	Voltage Distortion	<10%							
	Input voltage error window	adjustable							
	Input frequency error window	adjustable							
OUTPUT	г								
	Current	50A	100A	150A	200A	250A	300A	400A	
	Voltage		380,400VAC,	(3 wires for 3pole vers	ion And 4 wires fo	or 4pole version)			
	crest factor		up to 3,5						
	synchronized transfer time		max 1.8 msec (on	on 0 current mode)					
	non-syncronised transfer time	max 10 msec in 0 current mode, 0-25 sec adjustable in delay mode and in 0 current mode							
	load power factor range	0,6 lagging to 0,9 leading							
	Efficiency	>98%							
		100% to 150% = 1 minute 150% to 200% = 10 seconds							
	Overload	>200% 10 200% = 10 Seconds 1000% = 20 msecs							
	type of transfer	break before make							
	AS standard			Overcurrent inhibit LC		P			
HYSIC									
	Dimensions (mm) WxDxH		685x530x1500	685x570x1770					
	Weight (kg)		175		205	215	220	240	
	Operating Temperature	0-40°C							
	Relative Humidity (non-condensing)	0-90%							
	Standards	dards EN 50091-1 (safety), EN 50091-2 (EMC), CE							
GENER/	AL								
	RS232 port	standard							
	Dry contacts	output inhibit relay, summary alarm relay, static or manual transfer relay, S1 /S2 Backfeed trip relay, Preferred source indicator relay, Load is connected to alternate input source relay							
	Neutral connection			available at 4	oole version	-	-		
	transfer time	<5msec : within CBEMA & IEEE for synchronized sources <11msec : for unsynchronized sources.							
	monitored parameters	source 1 voltages, source 2 voltages, output load, phase balance, synchronization source 1 frequency, source 2 frequency, phase angel degree, Temperature							
	Front Panel	2 lines 16 character LCD Display							
	Indications	8 LEDs arranged as mimic diagram							
	Control buttons	5 push button interactive with LCD panel							
	Event log		6	4 recorded alarm logs	from panel or RS	232			

Authorized distributor:

