

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
"Uninterruptible Energy"



INFORM STATIC TRANSFER SWITCH SPECIFICATIONS

| MODEL - 3pole | STS350 | STS3100 | STS3150 | STS3200 | STS3250 | STS4300 | STS4400 |
|------------------------------------|---|---------|---------|--------------|---------|---------|---------|
| MODEL - 4pole | | STS4100 | STS4150 | STS4200 | STS4250 | | |
| INPUT | | | | | | | |
| 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 | | | | | | | |
| Current | 50A | 100A | 150A | 200A | 250A | 300A | 400A |
| Voltage | 380,400VAC, (3 wires for 3pole version And 4 wires for 4pole version) | | | | | | |
| crest factor | up to 3,5 | | | | | | |
| synchronized transfer time | max 1.8 msec (on 0 current mode) | | | | | | |
| non-synchronised 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% | | | | | | |
| Overload | 100% to 150% = 1 minute 150% to 200% = 10 seconds >200% = 0,5 seconds 1000% = 20 msec | | | | | | |
| type of transfer | break before make | | | | | | |
| AS standard | Overcurrent inhibit LCD front panel, MBP | | | | | | |
| PHYSICAL | | | | | | | |
| Dimensions (mm) WxDxH | 685x530x1500 | | | 685x570x1770 | | | |
| Weight (kg) | 175 | | | 205 | 215 | 220 | 240 |
| Operating Temperature | 0-40°C | | | | | | |
| Relative Humidity (non-condensing) | 0-90% | | | | | | |
| Standards | EN 50091-1 (safety), EN 50091-2 (EMC), CE | | | | | | |
| GENERAL | | | | | | | |
| 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 4pole 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 | 64 recorded alarm logs from panel or RS232 | | | | | | |
| Manual transfer switch | available | | | | | | |

Authorized distributor:



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