

# Hyperion Series Static Transfer Switches



- Uninterruptible Transfer Between Independent Sources
- Synchron/Asynchron Transfer Feature
- RS232 and SNMP Communication
- Source Priority Selection
- Automatic and Manual Transfer
- Smart Control and High Reliability with DSP
- Thyristor Controlled Switching (Fully Static)
- Automatic and Manual Transfer Modes
- 2x16 Character LCD Display, Showing Measurements
- Status and Alarm Messages
- Internal Maintenance Bypass Switch
- Easy Maintenance
- High Efficiency
- Transfer to the Second Source Less Than 5 ms
- Calibration of Measurements from Front Panel
- Input and Output Low / High, Temperature, Short Circuit Protections
- Log Records with Date and Time Stamp up the 200 Events
- Thyristor Failure Detection



## Specifications:

Sense Time	2 ms	
Load Power Factor	1 to 0.3	
SCR Type	Fully Rated, Hokey Puck Type	
<b>PHASE</b>	Single-Phase	Three-Phase
<b>CAPACITY</b>	25-100 Amp	50-1600 Amp
<b>INPUT</b>		
Nominal Voltage	220/230/240 Vac	380/400/415 Vac
Frequency Range	45 Hz ~ 65 Hz	
Transfer Time	4 ms	
Voltage Range	+/-20%	
Switching Type	3-Poles: 3 P / 4-Poles: 3 phase + Neutral	
<b>OUTPUT</b>		
Output Voltage	220/230/240 Vac	380/400/415 Vac
Transfer Type	Break Before Make	
Efficiency	>99%	
Crest Factor	3:1	
Transfer Control	Synchron With adjustable delay (non synchron), Zero current (non synchron)	
Overload Operation	100% - 125% load: 30 min, 125% - 150% load: 10 min > 150% load: 10 seconds, >250% Load: 20 ms	
Protection Features	Overload, Over/Under Voltage, Short Circuit, Backfeed Protection, SCR Fault Protection	
Communication	RS232/RS485, SNMP	
Display	LCD Screen	
Measured Values	Input and Output Voltage-Current Value, Frequency, Condition and Warnings	
<b>ENVIRONMENT</b>		
Humidity	0 - 95% (non-condensing)	
Noise Level	Less than 60 dB	
Working Height	< 4000 m	
Operating Temperature	-20 C° / + 50 C°	
Protection Level	IP21	
Cooling	Redundant Air Cooling	
Interface	Software	
Safety and Standards	ISO 9001, CE, TSE, EN/IEC 62310-1, EN/IEC 62310-2	