



PRODUCT DATA SHEET

APOTRANS AT

Static Transfer Switch 100 A - 1600 A

Highlights

- Third generation STS by the quality leader in high power UPS
- High reliable fuseless design with oversized thyristors
- Fault-tolerant through internal redundancy
- Fastest transfer, even between unsynchronized sources
- Seamless collaboration in a system together with UPS
- Continuous monitoring of the thyristors
- Advanced adaptive short circuit detection
- True front access for flexible use and easy maintenance
- True 4-pole design with correctly sized switched neutral
- Cabinet with top and bottom cable entry



Nothing protects quite like Piller

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APOTRANS	AT 100	AT 160	AT 250	AT 400	AT 630	AT 800	AT 1000	AT 1600
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Technical data

Rated current	100 A	160 A	250 A	400 A	630 A	800 A	1000 A	1600 A
Rated voltage	400 V ± 10 %							
Rated frequency	50 Hz ± 5 %							
Required fuse protection	100 A	160 A	250 A	400 A	630 A	800 A	1000 A	1600 A
Number of poles	4	4	4	4	4	4	4	4

Transfer times

phase selective transfer manual	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms
phase selective transfer automatic (typical)	3 ms	3 ms	3 ms	3 ms	3 ms	3 ms	3 ms	3 ms

General data

Width	800 mm	800 mm	800 mm	1200 mm	1200 mm	1600 mm	1600 mm	2400 mm
Depth	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	823 mm
Height	1900 mm	1900 mm	1900 mm	1900 mm	1900 mm	1900 mm	1900 mm	2115 mm
Weight	309 kg	309 kg	333 kg	572 kg	572 kg	767 kg	767 kg	1240 kg

Customer Interfaces

Mimic diagram with LED and LCD display

Options

- standard I/O board
- SNMP-adaptor with Ethernet Interface
- I/O-card
- Protocol-Gateway
- modem
- miscellaneous communication software
- other communication options

Hardware

- air filter
- remote control

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Issue:
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Modifications reserved