

AETES

STS PH3 80A-200A Series

Fastest Switching Time

Multilingual LCD Control Panel

Fully Microprocessor Controlled Design



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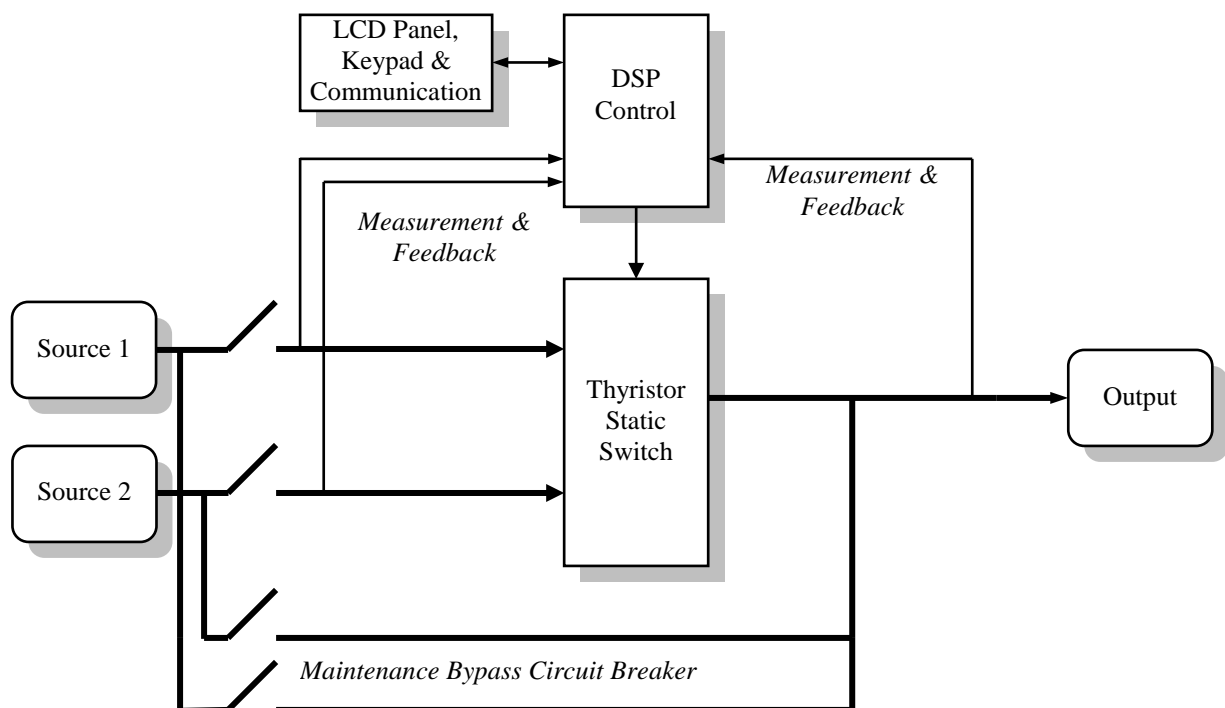
DESCRIPTION

AETES STS PH3 80A-200A series are a three phase, 3 pole / 4 pole static transfer switches, which can switch between to independent AC sources without interrupting the output powerless than $\frac{1}{4}$ cycle. With a sense and transfer time of less than 5ms, the AETES STS PH3 represents the highest performance power switching solution available for the most critical applications. STS PH3 systems provide cost-effective power protection for a wide range of applications including Telecom, Military, Data Centers and General Industrial.

FEATURES

- Advanced Communication Options for Remote Control & Monitoring.
- Manual by-pass for no-break operation of the load during maintenance.
- LCD control panel for Easy Operation
- Fully DSP logic for fast and Reliable Control.
- Source Priority Selection
- Password Protected Menu Structure
- ModBUS Communication via RS232 Serial Port
- Adjustable Operation Parametres.
- Audible Alarm & Dry Contacts.
- Tower design to Industrial Applications.
- High efficiency, up to 99%
- 3 Year Standard Warranty

BLOCK DIAGRAM



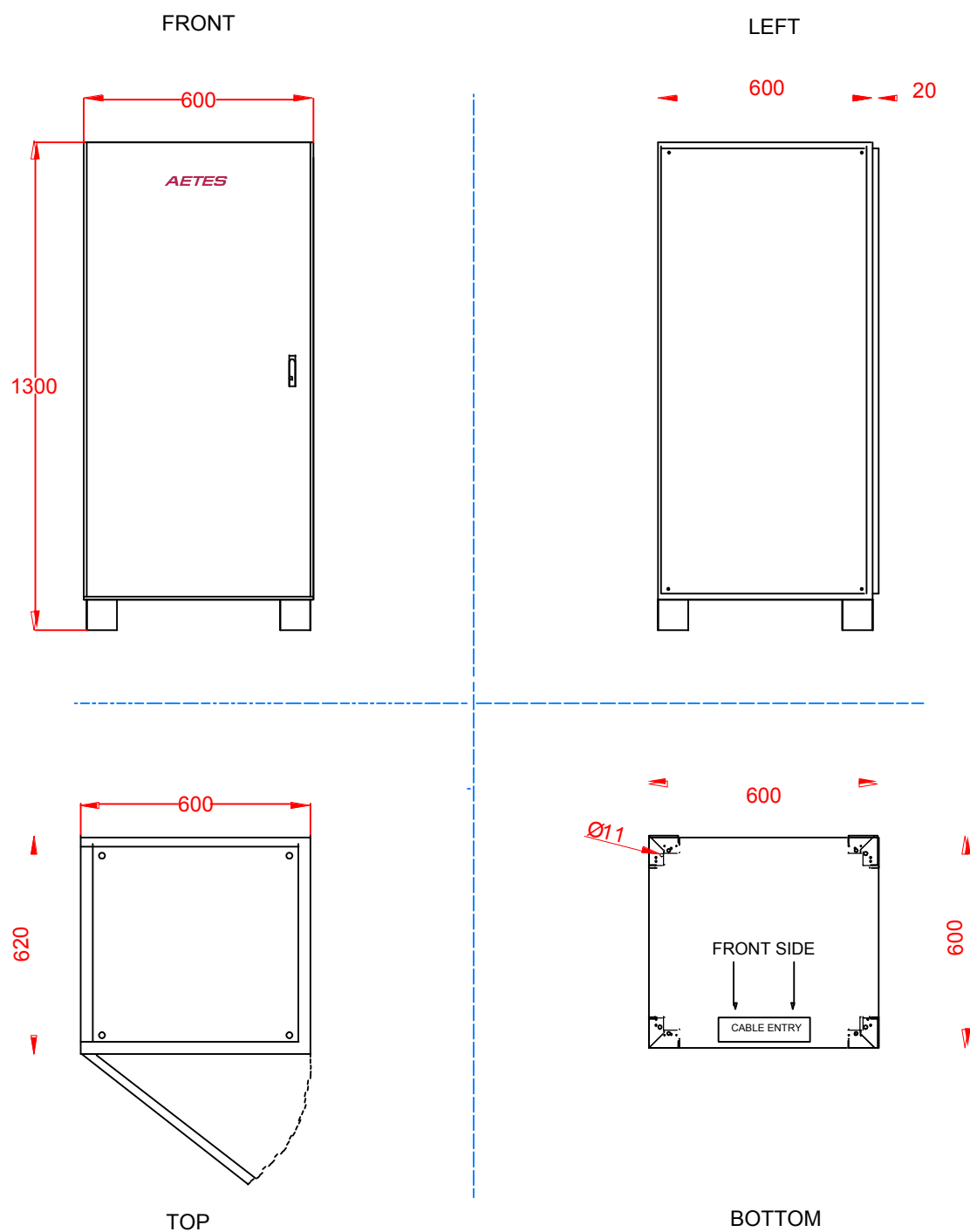
GENERAL SPECIFICATION

Nominal Voltage	<i>3 Phase 208V, 380V, 400V, 440V, 480V AC</i>
Frequency	<i>50/60 Hz full range</i>
Max. Current	<i>80A / 100A / 150A / 200A</i>
Transfer Time	<i>Synchronous transfer => < ¼ period (cycle) 5.0ms @ 50Hz, 4.2ms @ 60Hz Asynchronous transfer => Around ¾ period (cycle)</i>
Efficiency	<i>< 99%</i>
Overload	<i>125 % for 10 minutes 150 % for 1 minutes</i>
Temperature	<i>-5°C...+50°C</i>
Altitude max.	<i>2000 m above sea level</i>
Humidity	<i>0% ~ 90%</i>
Acoustic Noise	<i>< 60dB</i>
Color	<i>Grey RAL7035</i>
Compatibility	<i>IEC62310</i>
Degree of protection	<i>IP20 Standard (IP54 Optional)</i>
Warranty	<i>3 Years</i>

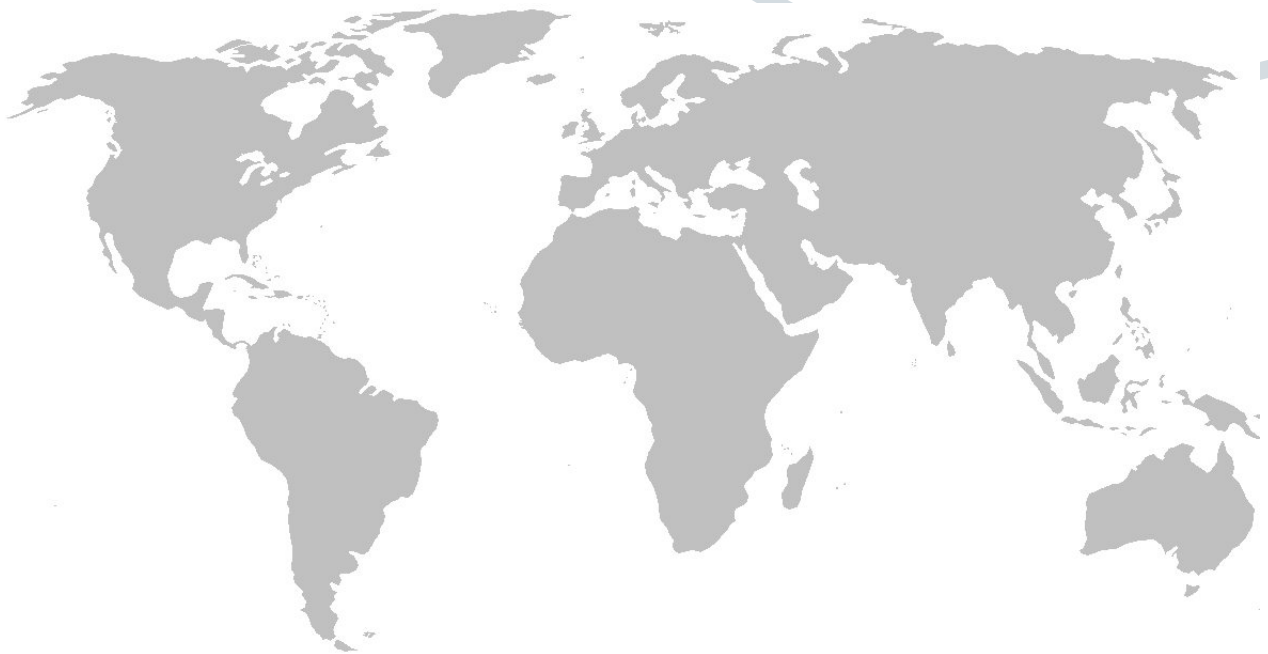
MODELS

Model	Line	Current	Dimensions
PH3-80A	3 Phase 3 Pole or 4 Pole	80 Amp	W:600 D:620 H:1300 mm
PH3 100A	3 Phase 3 Pole or 4 Pole	100 Amp	W:600 D:620 H:1300 mm
PH3-150A	3 Phase 3 Pole or 4 Pole	150 Amp	W:600 D:620 H:1300 mm
PH3-200A	3 Phase 3 Pole or 4 Pole	200 Amp	W:600 D:620 H:1300 mm

DRAWING



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