

Static Switch

Hornbill 3000 63 to 600 A



Special Features

- 32 bit DSP controlled design
- Automatic instantaneous transfer and retransfer without cross connection of sources
- Enhanced monitoring and diagnostics
- RS 232 or RS 485 interface with MODBUS protocol
- 128 x 64 Graphics display
- Metering : Current, Voltage and Frequency
- Redundant power supply
- Redundant fans for cooling
- Inrush current limiting (optional)
- Complies with IEEE 446

Quality Power Protection

For the critical power requirements in Industrial, IT, Commercial, Communication and Office environment

State-of-the-art R&D and Manufacturing facility

Service centres across India



Static Switch - 63 TO 300A

Three Pole, Three Phase

SPECIFICATIONS

MODEL	Hornbill 3000					
Input / Output						
Nominal Voltage	220 / 380 / 400 / 415 V AC (3 Ph + N)					
Voltage Tolerances	+/- 15%					
Frequency Tolerances	50-60 Hz (Auto Selectable)					
Power Capacity	63 A	100 A	200 A	300 A	400 A	500 A 600 A
No. of Switching Poles	THREE					
Overload Capacity	110 % for 1 hour, 150% for 1 min., 200% for 10 sec, 1000% for 100 ms					
Duty	Continuous					
Load Power Factor Range	0.2 to unity leading or lagging					
Source Voltage Distortion	< 10% THD					
Switch						
Transfer	< 5 ms					
Retransfer	< 5 ms					
Manual Bypass	Provided					
Efficiency (Ref. IEC 60146-1-1)*	≥98% (at full load & nominal input voltage)					
Environmental						
Acoustic Noise @1 m (Ref. ISO 3746)	≤ 55 dBA			≤ 58 dBA		
Operating Temperature	0 to 40°C					
Storage Temperature	0 to 70°C					
Relative Humidity	Up to 95% (non Condensing)					
Altitude	<1000 meters above sea level (without de-rating) altitude					
Physical						
Enclosure Protection	IP - 20					
Cooling	Forced Air					
Color	RAL7016					
Cable Entry	Bottom					
Dimensions (mm) W x D x H	600 x 450 x 1000	800 x 500 x 1500		1000 x 600 x 1750		
Installation	Free Standing, floor mounted					
User Interface						
Indications	Source 1 Healthy, Source 1 Priority, Source 1 Feeding, Source 1 Manual bypass ON, Output ON Source 2 Healthy, Source 2 Priority, Source 2 Feeding, Source 2 Manual bypass ON, No sync					
Fault Indication	Overload					
Display	128 x 64 Graphics Display					
Metering	Source 1 & Source 2 - Voltage, Current, Frequency, Output Voltage, Output Current					
Standards	IEC 62310-1, IEEE 446					
Communication						
Interface & Protocol	RS 232					
Available Options	RS 485 MODBUS, Ethernet Connectivity					

The information contained in this publication is subject to change without prior notice

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