

# CHLORIDE

*Secure Power Always*

## ATS 16H - ATS 16L



## ATS 16H - 16L

There are two versions available: ATS 16H is the high voltage (230 V) unit and ATS 16L is the low voltage (120 V) unit. ATS ensures complete reliability to the load by eliminating system failures which are caused by problems in distribution rather than by the failure of the power source itself. Double-pole operations ensure optimal flexibility for all the different types of electrical distributions.

### Flexibility for Customized Solutions

ATS guarantees uninterrupted operation for the load that is fed by two alternative sources. The ATS is a simple but extremely effective solution for managing the redundancy that is provided by two independent power sources.

ATS is a very effective solution that allows complete compatibility with the customers' load and environment requirements. A standard feature is the priority mode operation, allowing users to select the preferred power source.

ATS handles the automatic or manual transfer of loads between two independent power sources without interrupting the power supply. In the event of a failure the transfer from one source to the other is automatic and instantaneous.

### Leading Technology

A crucial function of ATS is the "Break Before Make" transfer. This ensures that the two live feeds are never connected in parallel. The ATS automatic switch also ensures that switching between the two power supplies occurs safely under both synchronous and asynchronous conditions relative to input waveforms.

### Reliability

Employing an ATS adds another layer of security for your load. It ensures a redundant power supply by enabling controlled switching between the two independent AC power supply sources.

Switching is performed whenever the line that supplies power to the load goes out of tolerance. The distribution downstream from an ATS is not only protected against the failure of the sources, but also against any failure in upstream lines.

### Communication

Voltage free contact ports are available in standard assembly versions and facilitate communication with installed power protection equipment. The LED display offers complete and easy interaction with ATS and shows the status of the equipment. A serial connection is available for easy and direct connection of the ATS with an external PC.

### Applications

ATS provides additional security for a wide range of applications including:

- Data centres /ISPs
- Call Centres
- Manufacturing Process Control
- Transportation Signalling Systems
- Health Care.

### Secure Power Always

Simply supplying equipment will never deliver the level of business continuity that our customers require. Chloride offers a range of maintenance plans which will:

- Help deliver reliability to the load
- Extend the life of your power protection equipment
- Optimize your capital expenditure
- Provide risk management at a fixed cost
- Help to control your business environment
- Provide a pro-active approach to disaster recovery.

Contact your local Chloride sales office for more information.

**Delegate your power management to the experts.**

Model	ATS 16H	ATS 16L
<b>INPUT</b>		
Nominal voltage (V)	220, 230, 240	120
Current (A)	16	
Phases	1 + N	
No. of switching poles	2	
Frequency (Hz)	50/60	
Frequency range	±20%	
Transfer mode	BBM	
<b>TRANSFER TIME</b>		
Automatic transfer	In synch: 6 msec typical Out of synch: 6 msec + selectable delay	
Manual transfer	6 msec	
<b>OUTPUT</b>		
Load characteristics	min PF = 0.8; max CF 3:1	
Voltage (V)	220, 230, 240	120
Current @ Vnom (A)	16	
Frequency (Hz)	50/60	
Short circuit threshold	3In	
Overload capacity %	100%-125%: 45 sec. 125%-150%: 27 sec. 151%-210%: 5 sec. 211%-800%: 4 sec.	
Max dissipation (W)	125	55
<b>DIMENSIONS AND WEIGHT</b>		
Depth (mm)	315	
Width (mm)	446	
Height (mm)	44.45 (1U)	
Weight (kg)	8	
<b>ENVIRONMENT</b>		
Safety	IEC/EN 60950-1, TUV-GS	UL 1778 (2005)
EMC compatibility	IEC 62040-2:2005 (C1)	
Degree of protection	IP30	
Acoustic noise (dBA)	<25	

This publication is issued to provide outline information only and is not deemed to form any part of any offer and/or contract. The company has a policy of continuous product development and improvement, and we therefore reserve the right to vary any information without prior notice. MK44L00KATS Rev. 1-08/2008

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