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ATS

AUTOMATIC TRANSFER SWITCH

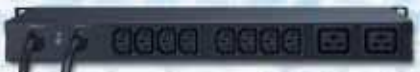
OPENETICS Automatic Transfer Switch, ATS in short, is a kind of highly reliable and applicable switch which supplies redundant power to connected equipments. When main power supply fails, ATS will switch to secondary power supply automatically.

By monitoring the load current and working voltage, ATS can clearly note the change of current and voltage and realize the automatic power supply switch to reach the purpose of uninterruptible power supply.

Main functions of Basic ATS:

- **Switch over:** automatic switch over power A and power B, interval time 10≤16ms.
- **Monitoring:** total load current; input/output voltage; power supply A/B; system operating state.
- **User-defined alarm:** threshold of total load current.
- **System default alarm:** current overload; either power supply goes wrong.
- **Alarm method:** audible and visual alarm (external connection).
- **Accessing method:** SERIAL.

T1S00216AB



IN

T1S10216AB

IEC320 C20

IN

T1S20216AB

IEC60309

IN

T1S12216AB

OUT

IEC320 C20

IEC320 C19

IN

T1S24216AB

OUT

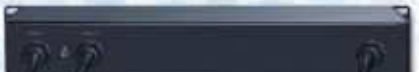
IEC60309

IEC60309

IN

T1X31232AB

IEC60309



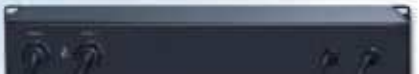
IN

T1X36232AB

OUT

IEC60309

IEC60309



IN

T1X35232AB

OUT

IEC60309

IEC60309

IN

T1X33232AB

OUT

IEC60309

IEC320 C19

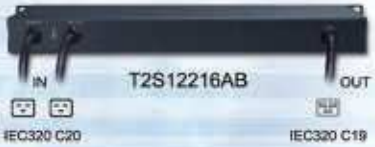
Main functions of intelligent ATS:

- **Switch over:** automatic switch over power A and power B, interval time 10≤16ms.
- **Monitoring:** total load current; input/output voltage; power supply A/B; system operating state.
- **Remote control:** switch over power A and power B; threshold of total load current.
- **User-defined alarm:** threshold of total load current.
- **System default alarm:** current overload; when automatic transfer happens; either power supply goes wrong.
- **Alarm method:** audible and visual alarm (external connection); telephone alarm; email alarm.
- **Log record:** save the system operation and alarm record which can be inquired and exported.
- **System support:** single user operating system, support software upgrade.
- **User management:** set user's right.
- **Accessing method:** Web, accessing through IE; SNMP (V1/V2/V3), through standard network working station; Telnet, SSH, through command-line console; SERIAL.
- **System configuration:** time setting; button lock; voltage range setting; transfer time from secondary power supply to main power supply; system hyperlink.

T2S00216AB

T2S10216AB

T2S20216AB



T2S12216AB

T2S24216AB

T2X31232AB

T2X36232AB

T2X35232AB

T2X33232AB

ATS

The pictures are for indication only, subject to the final product.

Optional device: overload protector or surg protector

Performance parameter		T1S00216AB	T1S10216AB	T1S20216AB	T1S12216AB	T1S24216AB	T1X31232AB	T1X36232AB	T1X35232AB	T1X33232AB
Switch-over	Switch-over poles	L, N								
	Interval time	10 ≤ 16ms								
Communication interface	Serial communication	1 × RJ45								
Alarm port	Logical port	Φ5 earphone jack × 1, to connect audible and visible alarm								
Display	Output current	LED, 3 digits in red, accuracy 100mA ± 1%+1								
	Output voltage	LED, 3 digits in red, accuracy 1V ± 1%+3								
	A/B Power supply	A/B power supply indicator								
	Main power	A/B power supply indicator								
	Current power	A/B power supply indicator								
	Overload	Overload indicator								
Input	Power input	Power supply A/B								
	Rating voltage	220VAC								
	Voltage range	180VAC~260VAC								
	Frequency	50/60Hz ± 5Hz								
	Power input	Socket	Cable and plug				Cable and plug			
	Input plug	C20	C20	IEC60309	C20	IEC60309	IEC60309/32A			
	Load current	16A	16A	16A	16A	16A	32A	32A	32A	32A
Output	Power output	Socket			Cable and plug		Socket	Cable and plug		
	Outlet	8 × C13 + 2 × C19			C19	IEC60309	16 × C13 + 4 × C19	IEC60309/32A	IEC60309/2 × 16A	2 × C19
	Total current	16A					32A			
Protector	Circuit breaker	Optional (Choose one)								
	Surge protector									
Dimension		L × W × H= 482.6 × 220 × 44.4mm					L × W × H= 482.6 × 220 × 88.8mm			
Installation		Horizontal, 1U					Horizontal, 2U			
Housing color		Black								
Working/Storage temperature & humidity		Working temperature 0~40℃, 5%~95%, non-condensing, storage temperature -40~70℃								

Performance parameter		T2S00216AB	T2S10216AB	T2S20216AB	T2S12216AB	T2S24216AB	T2X31232AB	T2X36232AB	T2X35232AB	T2X33232AB
Communication interface	Network	1 × RJ45								
Alarm port	Telephone alarm	1 × RJ11								
	Voice record	Built-in MIC								
Display	IP	Circular display								

Bcn:
Tel. 937 848 212

Madrid:
Tel. 915 474 943

email: info@openetics.com