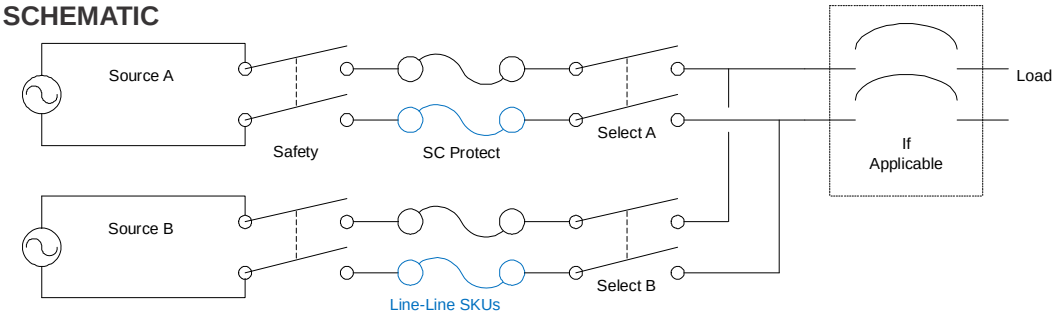
Rack Automatic Transfer Switch AP4421

Overview

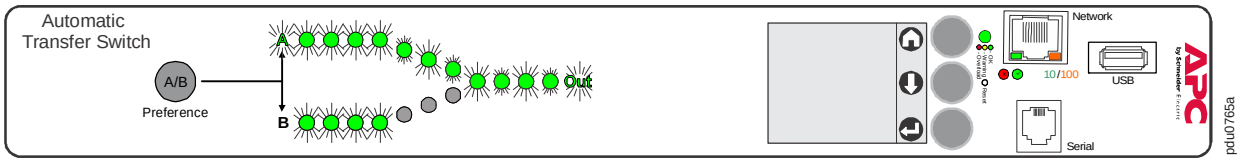
The APC by Schneider Electric Rack Automatic Transfer Switch (ATS) provides reliable, redundant power to single-corded equipment loads, such as servers. The Rack ATS has two input power cords supplying power to the connected loads. If the primary source becomes unavailable or out of the selected range, the Rack ATS will seamlessly source power from the secondary source without interrupting critical loads.

The Rack ATS has built-in network connectivity, which allows for remote management via Web, Telnet, SNMP, SSH or StruxureWare Data Center Expert interfaces.

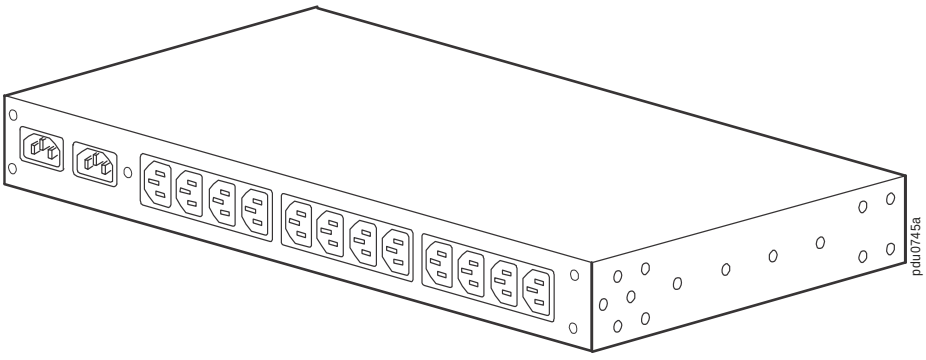
ATS SCHEMATIC



FRONT VIEW



REAR



Power inlets: The two (2) C14 inlets support the connection of two power cords (not provided) to link the ATS to two separate power sources (A, B). The switch draws power from the preferred source and automatically switches to the secondary source when necessary.

Outlets: The twelve (12) C13 outlets connect the ATS to equipment in the rack or enclosure, providing a redundant source of power to the connected equipment.

Specifications

Electrical	
Nominal input voltage	230 VAC
Acceptable input voltage	±10% of nominal
Input frequency	50/60 Hz
Input connectors	Two (2) C14 inlets
Output connectors	Twelve (12) C13 outlets
Maximum output current (outlet)	10 A
Maximum output/input current	10 A
Overload protection Internal External (recommended)	 Not provided with this unit 16 A facility provided
Transfer time	10 ms maximum (high sensitivity, 50-60 Hz) 12 ms maximum (low sensitivity, 50-60 Hz)
Short Circuit Current Rating	10kA
Physical	
Dimensions (H x W x D)	43.7 x 431.8 x 236.2 mm (1.72 x 17.00 x 9.30 in)
Shipping dimensions (H x W x D)	114.3 x 600.2 x 355.6 mm (4.50 x 23.63 x 14.00 in)
Weight	3.74 kg (8.25lb)
Shipping weight	5.51 kg (12.15 lb)
Environmental	
Maximum elevation (above MSL) Operating Storage	 0 to 3000 m (0 to 10,000 ft) 0 to 15 000 m (0 to 50,000 ft)
Temperature Operating Storage	 –5 to 45°C (23 to 113°F) –25 to 65°C (–13 to 149°F)
Humidity Operating Storage	 0 to 95%, non-condensing 0 to 95%, non-condensing
Compliance	
Safety	UL - EU / CE UL/EN/IEC 60950-1 LVD 2014/35/EU
EMC	EMC Directive 2014/30/EU
Approved for IT Power Systems	Yes

Customer support and warranty information are available on the website, **www.apc.com**.

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