

Product data sheet

Specifications



RACK ATS, 230V, 16A, C20 IN, (8) C13 (1) C19 OUT



AP4423

Overview

Presentation

The APC Rack Automatic Transfer Switch (ATS) is a high availability switch that provides redundant power to connected equipment and has two input power cords, one for each AC source. The output configuration is (8) C13 and (1) C19. The Rack ATS supplies power to the connected load from a primary AC source. If that primary source becomes unavailable, the Rack ATS automatically transfers loads to the secondary source. The transfer time from one source to the other is seamless to the connected equipment, as the switching occurs safely between the two input sources regardless of any phase differences. The units have built-in network connectivity, which allows for remote management through Web, SNMP, SSH, Telnet, or StruxureWare™ Data Center Expert. With multiple outlets, several devices can be plugged directly into the Rack ATS without the need for an additional Rack PDU. Current monitoring and alarms help prevent downtime to the equipment by providing aggregate current measurements and warnings when power consumption draws near the maximum rating of the Rack ATS. Built-in network and local interfaces allow for custom configuration settings for added flexibility.

Lead time

Usually in Stock

Main

Main Input Voltage

230 V

Main Output Voltage

230 V

Plug standard

IEC 60320 C20

Number of rack unit

1U

Provided Equipment

Mounting Hardware
Rack Mounting brackets
Serial configuration cable

Physical

Color

Black

Height

1.73 in (4.4 cm)

Width

17.01 in (43.2 cm)

Depth

9.29 in (23.6 cm)

Net Weight

8.25 lb(US) (3.74 kg)

Mounting Location

Front
Rear

Mounting preference

No preference

Mounting Mode

Rack-mounted

Input

Input Frequency

50/60 Hz

Max line current

20 A

Input current limits	20 A
Load Capacity	3700 VA

Output

Maximum Total Current Draw per Phase	16 A
Number of power socket outlets	8 IEC 60320 C13 1 IEC 60320 C19
Protection Type	Without circuit breaker

Conformance

Product Certifications	cUL Listed CE UL Listed
Standards	EN 55022 Class A FCC Part 15 class A

Environmental

Ambient Air Temperature for Operation	23...113 °F (-5...45 °C)
Relative Humidity	5...95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	-13...149 °F (-25...65 °C)
Storage Relative Humidity	5...95 %
Storage altitude	0...50000 ft (0.00...15240.00 m)

Ordering and shipping details

GTIN	731304333425
Package weight(Lbs)	12.15 lb(US) (5.51 kg)

Packing Units

Package 1 Height	4.49 in (11.4 cm)
Package 1 width	23.62 in (60 cm)
Package 1 Length	14.02 in (35.6 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Lead free	Yes
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Take-back	Take-back program available

Contractual warranty

Warranty

2 years repair or replace