Product data sheet

Specifications



APC Netshelter Rack Automatic Transfer Switch, 1U, 16A, 230V, 2 IEC309 IN, 1 IEC309 OUT, 50/60Hz

AP4422A

Main

Product or Component Type	Automatic transfer switch
Main Input Voltage	230 V AC 1 phase
Input current limits	16 A
Input Frequency	50/60 Hz
Main Output Voltage	230 V AC 1 phase
Input Connection Type	IEC 60309 16 A 2P+E
Load Capacity	3840 VA
Line Rated Current	16 A
permissible voltage	207…253 V
Max line current	16 A
Protection Type	Without circuit breaker
Number of rack unit	1U
Number of cables	2
Cable length	7.97 ft (2.43 m)
Cord Length	2.99 ft (0.91 m)
Provided Equipment	Mounting Hardware Rack Mounting brackets

Complementary

Mounting Location	Front
Mounting Mode	Rack-mounted
Mounting position	Horizontal
Color	Black
Height	1.7 in (44 mm)
Width	17.008 in (432 mm)
Depth	9.3 in (236 mm)
Net Weight	9.28 lb(US) (4.21 kg)

Environmental

Product Certifications	CE EMC Directive 2004/108/EC LVD directive 2006/95/EC
Standards	EN/IEC 60950-1 UL 60950-1

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Relative Humidity	5…95 %
Storage Relative Humidity	5…95 %
Ambient Air Temperature for Storage	-13…149 °F (-25…65 °C)
Storage altitude	0…50000 ft (0…15240 m)
Operating altitude	0...10000 ft
Ambient Air Temperature for Operation	23…113 °F (-5…45 °C)

Ordering and shipping details

GTIN	731304432432

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.724 in (12.000 cm)
Package 1 Width	13.976 in (35.500 cm)
Package 1 Length	23.622 in (60.000 cm)
Package weight(Lbs)	14.246 lb(US) (6.462 kg)

Contractual warranty

Warranty (in months)	24

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**993 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**60 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.8 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.6 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**929 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**3 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Average percentage of recycled plastic content	**10 %**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen content performance	**Product contains halogen above thresholds**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**55**
Circularity Profile	**End of Life Information**
Removable battery	**Yes**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

Image of product / Alternate images

Alternative



