Product datasheet

Specifications



APC NetShelter Rack Automatic Transfer Switch, 1U, 16A, 230V, 2 C20 IN, 8 C13, 1 C19 OUT, 50/60Hz

AP4423A

Main

Product or component type	Automatic transfer switch
Main Input Voltage	230 V AC 1 phase
Input current limits	20 A
Network frequency	50/60 Hz
Main Output Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C20 16 A 2P + E
Load capacity	3700 VA
[In] rated current	16 A
permissible voltage	207…253 V
Max line current	20 A
Protection type	Without circuit breaker
Number of rack unit	1U
Power cable length	2.44 m
Provided equipment	Mounting hardware Rack mounting brackets

Complementary

Mounting location	Front
Mounting mode	Rack-mounted
Mounting position	Horizontal
Colour	Black
Height	44 mm
Width	432 mm
Depth	236 mm
Net weight	3.74 kg

Environmental

Product certifications	cUL listed CE UL listed
Standards	EN 55022 class A FCC part 15 class A
Relative humidity	5…95 %
Storage Relative Humidity	5…95 %

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

Ambient air temperature for storage	-25…65 °C
Storage altitude	0…15240 m
Operating altitude	0...10000 ft
Ambient air temperature for operation	-5…45 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.00 cm
Package 1 Width	35.50 cm
Package 1 Length	60.00 cm
Package 1 Weight	5.492 kg
Unit Type of Package 2	P12
Number of Units in Package 2	40
Package 2 Height	126.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	233.000 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	**988 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**55 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.7 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**
SCIP Number	**2596f23e-8f37-45ab-8e70-ca58eb98cd8c**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen-free status	**Product contains halogen above thresholds**

Use Again

Repack and remanufacture

Recyclability potential, in %	**55**
End of life manual availability	**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





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