

Product datasheet

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
Network 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
[In] 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	2.43 m
Power cable length	0.91 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	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

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	-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	12.000 cm
Package 1 Width	35.500 cm
Package 1 Length	60.000 cm
Package 1 Weight	6.462 kg

Contractual warranty

Warranty (in months)	24
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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-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

