

Product datasheet

Specifications



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

AP4422A

Main

Main Input Voltage	230 V AC 1 phase
Product or component type	Automatic transfer switch
Main Output Voltage	230 V AC 1 phase
Input Connection Type	IEC 60309 16 A 2P + E
Number of rack unit	1U
Cable length	2.43 m
Number of cables	2
Provided equipment	Mounting hardware Rack mounting brackets

Physical

Colour	Black
Height	44 mm
Width	432 mm
Depth	236 mm
Product weight	4.21 kg
Mounting location	Front
Mounting preference	No preference
mounting mode	Rack-mounted
Mounting position	Horizontal

Input

Network frequency	50/60 Hz
[In] rated current	16 A
permissible voltage	207...253 V
Max line current	16 A
Input current limits	16 A
Load capacity	3840 VA

Output

Number of power socket outlets	1 IEC 60309 16 A 2P + E
number of power socket outlets	1
Protection type	Without circuit breaker

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Power cable length	0.91 m
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Conformance

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

Environmental

Ambient air temperature for operation	-5...45 °C
Relative humidity	5...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-25...65 °C
Storage Relative Humidity	5...95 %
Storage altitude	0...15240 m

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

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 Longer



Lifetime extension

Repair	No
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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

