

Product datasheet

Specifications



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

AP4423A

Overview

Lead time Usually in Stock

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 60320 C20 16 A 2P + E

Number of rack unit 1U

Provided equipment Mounting hardware
Rack mounting brackets

Physical

Colour Black

Height 44 mm

Width 432 mm

Depth 236 mm

Product weight 3.74 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 20 A

Input current limits 20 A

Load capacity 3700 VA

Output

Number of power socket outlets 8 IEC 60320 C13 10 A 2P + E
1 IEC 60320 C19 16 A 2P + E

Number of power socket outlets 9

Protection type	Without circuit breaker
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Power cable length	2.44 m
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Conformance

Product certifications	cUL listed CE UL listed
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Standards	EN 55022 class A FCC part 15 class A
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Environmental

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

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	12.00 cm
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Package 1 Width	35.50 cm
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Package 1 Length	60.00 cm
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Package 1 Weight	5.492 kg
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Unit Type of Package 2	P12
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Number of Units in Package 2	40
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Package 2 Height	126.000 cm
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Package 2 Width	80.000 cm
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Package 2 Length	120.000 cm
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Package 2 Weight	233.000 kg
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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	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

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 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



