Product data sheet
Characteristics

AP4423A
APC NetShelter Rack Automatic Transfer Switch, 1U, 16A, 230V, 2 C20 IN, 8 C13, 1 C19 OUT, 50/60Hz



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
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[RETURN]CE[RETURN]UL listed
Standards	EN 55022 class A FCC part 15 class A
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	12.00 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

Offer Sustainability

Recyclability potential, in %	55
Total lifecycle Carbon footprint	988 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	55.1215918367
Carbon footprint of the manufacturing phase [A1 to A3]	55 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.7083469388
Carbon footprint of the distribution phase [A4]	0.7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.5560585714
Carbon footprint of the installation phase [A5]	0.6 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	928.6930114943
Carbon footprint of the use phase [B2, B3, B4, B6]	929 kg CO2 eq.
Toxic heavy metal free	Yes
Lead free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	2.7174877551
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	988
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
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
Halogen-free status	Product contains halogen above thresholds
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

Contractual warranty

Warranty (in months)	24

Product Life Status : Commercialised