

# Product data sheet

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<br>Rack Mounting brackets |

## Physical

|                     |                       |
|---------------------|-----------------------|
| Color               | Black                 |
| Height              | 1.7 in (44 mm)        |
| Width               | 17.008 in (432 mm)    |
| Depth               | 9.3 in (236 mm)       |
| Net Weight          | 8.25 lb(US) (3.74 kg) |
| Mounting Location   | Front                 |
| Mounting preference | No preference         |
| Mounting Mode       | Rack-mounted          |
| Mounting position   | Horizontal            |

## Input

|                      |             |
|----------------------|-------------|
| Input Frequency      | 50/60 Hz    |
| Line 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<br>1 IEC 60320 C19 16 A 2P+E |
| Number of power socket outlets | 9                                                      |

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

|                 |                         |
|-----------------|-------------------------|
| Protection Type | Without circuit breaker |
| Cord Length     | 8.005 ft (2.44 m)       |

## Conformance

|                        |                                         |
|------------------------|-----------------------------------------|
| Product Certifications | cUL Listed<br>CE<br>UL Listed           |
| Standards              | EN 55022 Class A<br>FCC Part 15 class A |

## Environmental

|                                       |                            |
|---------------------------------------|----------------------------|
| Ambient Air Temperature for Operation | 23...113 °F (-5...45 °C)   |
| Relative Humidity                     | 5...95 %                   |
| Operating altitude                    | 0...10000 ft               |
| Ambient Air Temperature for Storage   | -13...149 °F (-25...65 °C) |
| Storage Relative Humidity             | 5...95 %                   |
| Storage altitude                      | 0...50000 ft (0...15240 m) |

## Ordering and shipping details

|      |              |
|------|--------------|
| GTIN | 731304432449 |
|------|--------------|

## Packing Units

|                              |                             |
|------------------------------|-----------------------------|
| Unit Type of Package 1       | PCE                         |
| Nbr. of units in pkg.        | 1                           |
| Package 1 Height             | 4.72 in (12.00 cm)          |
| Package 1 Width              | 13.98 in (35.50 cm)         |
| Package 1 Length             | 23.62 in (60.00 cm)         |
| Package weight(Lbs)          | 12.108 lb(US) (5.492 kg)    |
| Unit Type of Package 2       | P12                         |
| Number of Units in Package 2 | 40                          |
| Package 2 Height             | 49.606 in (126.000 cm)      |
| Package 2 Width              | 31.496 in (80.000 cm)       |
| Package 2 Length             | 47.244 in (120.000 cm)      |
| Package 2 Weight             | 513.677 lb(US) (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                               | <a href="#">Product Environmental Profile</a> |

## 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                      | <a href="#">Compliant</a>                                                                                                                                                                                                                          |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                             |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen content performance            | Product contains halogen above thresholds                                                                                                                                                                                                          |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Recyclability potential, in % | 55                                      |
| Circularity Profile           | <a href="#">End of Life Information</a> |
| 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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