

Product datasheet

Specifications



APC WW 20KVA Isolation Transformer



APTF20KW01

Overview

Presentation	The Step-Down Transformer converts high voltage (208 or 200 VAC) output into low voltage (120 or 100 VAC) output for powering low voltage AC equipment.
Lead time	Usually in Stock

Main

Main Input Voltage	100 V 120 V 200 V 208 V 230 V 400 V 3 phases
Product or component type	Transformer
Main Output Voltage	100 V 120 V 200 V 208 V 230 V
Other Output Voltage	220 V 240 V 380 V 415 V
Output connector type	Hard wire 3-wire (H N + E) for 1 zone(s) Hard wire 3-wire (2P + E) for 1 zone(s) Hard wire 4-wire (2P + N + E) for 1 zone(s)
Number of rack unit	4U
Provided equipment	Documentation CD Hardwire panel Installation guide Rack mounting brackets User manual
Range of product	Step-Down Transformer

Physical

Colour	Black
Height	175 mm
Width	432 mm
Depth	757 mm
Net weight	118.18 kg
Mounting location	Front Side
Mounting preference	Lower

Mounting mode	Rack-mounted
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Input

Max line current	100 A
Input current limits	100 A
Network frequency	45...65 Hz
Number of input connectors	1 hard wire 3-wire (2P + E) 1 hard wire 3-wire (1P + N + E) 1 hard wire 4-wire (2P + N + E)

Output

Max current draw	100 A
Efficiency	96 %

Conformance

Product certifications	CSA UL listed
Standards	EN 55022 class A EN 55024 EN 60950 EN 61000-3-2 EN 61000-3-3

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	0...40 °C
Storage Relative Humidity	0...95 %
Storage altitude	0...3048 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	48.3 cm
Package 1 Width	100 cm
Package 1 Length	60 cm
Package 1 Weight	143.18 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	13029
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant with Exemptions
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REACH Regulation	REACH Declaration
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Energy efficiency

Energy Efficiency Optimized	Energy efficient product
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Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
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Take-back	Yes
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WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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Image of product / Alternate images

Alternative



