



PRODUCT-DETAILS

ACS510-01-012A-4

ACS510-01-012A-4,11.9A,380V,IP21



General Information	
Global Commercial Alias	ACS510-01-012A-4
Product ID	3ABD00015746-D
ABB Type Designation	ACS510-01-012A-4
Catalog Description	ACS510-01-012A-4,11.9A,380V,IP21
Long Description	ACS510-01-012A-4,11.9A,380V,IP21

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-012A-4,11.9A,380V,IP21
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions	
Product Net Weight	6.1 kg
Product Net Depth / Length	465 mm
Product Net Height	365 mm
Product Net Width	225 mm
Package Level 1 Depth / Length	490 mm
Package Level 1 Height	400 mm
Package Level 1 Width	240 mm
Package Level 1 Units	1 carton

Technical	
Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R1
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use (I _n)	11.9 A
Output Power, Normal Use (P _n)	5.5 kW
Apparent Power Output	8.3 kV·A
Efficiency Level	IE2
Standby Loss	12 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	66 W	0.8 %	87 %
0 / 50 %	81 W	1 %	91.3 %
0 / 100 %	132 W	1.6 %	92.8 %
50 / 25 %	71 W	0.9 %	92.8 %
50 / 50 %	90 W	1.1 %	95.2 %
50 / 100 %	153 W	1.8 %	95.9 %
90 / 50 %	99 W	1.2 %	97 %
90 / 100 %	181 W	2.2 %	97.2 %

Temperature Rating	40 °C
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External Classifications and Standards	
UNSPSC	39122001

Environmental	
WEEE Category	Product Not in WEEE Scope

Additional Information

Product Name	Frequency Converter
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Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS510 - Wall-mounted drive

