



PRODUCT-DETAILS

ACS510-01-125A-4

ACS510-01-125A-4,125A,380V,IP21



General Information	
Global Commercial Alias	ACS510-01-125A-4
Product ID	3ABD00019055-D
ABB Type Designation	ACS510-01-125A-4
Catalog Description	ACS510-01-125A-4,125A,380V,IP21
Long Description	ACS510-01-125A-4,125A,380V,IP21

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-125A-4,125A,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	45 kg
Product Net Depth / Length	814 mm
Product Net Height	306 mm
Product Net Width	315 mm
Package Level 1 Depth / Length	830 mm
Package Level 1 Height	450 mm
Package Level 1 Width	335 mm
Package Level 1 Units	0 carton

Technical	
Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R5
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use (I _n)	125 A
Output Power, Normal Use (P _n)	55 kW
Apparent Power Output	87 kV·A
Efficiency Level	IE2
Standby Loss	42 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	558 W	0.6 %	89.4 %
0 / 50 %	745 W	0.9 %	92.4 %
0 / 100 %	1372 W	1.6 %	92.9 %
50 / 25 %	616 W	0.7 %	94.1 %
50 / 50 %	872 W	1 %	95.6 %
50 / 100 %	1674 W	1.9 %	95.7 %
90 / 50 %	1027 W	1.2 %	97.1 %
90 / 100 %	2164 W	2.5 %	96.9 %

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

