

PRODUCT-DETAILS

ACS510-01-088A-4

ACS510-01-088A-4,88A,380V,IP21



General Information

Global Commercial Alias	ACS510-01-088A-4
Product ID	3ABD00021616-D
ABB Type Designation	ACS510-01-088A-4
Catalog Description	ACS510-01-088A-4,88A,380V,IP21
Long Description	ACS510-01-088A-4,88A,380V,IP21

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-088A-4,88A,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	26 kg
Product Net Depth / Length	800 mm
Product Net Height	410 mm
Product Net Width	310 mm
Package Level 1 Depth / Length	800 mm
Package Level 1 Height	400 mm
Package Level 1 Width	300 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	R4
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use (I_n)	88 A
Output Power, Normal Use (P_n)	45 kW
Apparent Power Output	61 kV·A
Efficiency Level	IE2
Standby Loss	18 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	364 W	0.6 %	90.1 %
0 / 50 %	490 W	0.8 %	92.9 %
0 / 100 %	900 W	1.5 %	93.3 %
50 / 25 %	410 W	0.7 %	94.4 %
50 / 50 %	588 W	1 %	95.8 %
50 / 100 %	1161 W	1.9 %	95.8 %
90 / 50 %	742 W	1.2 %	97 %
90 / 100 %	1537 W	2.5 %	96.8 %

Temperature Rating	40 °C
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Additional Information	
Product Name	Frequency Converter

Classifications	
UNSPSC	39122001

Environmental	
WEEE Category	Product Not in WEEE Scope

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

