

PRODUCT-DETAILS

ACS510-01-088A-4+B055

ACS510-01-088A-4+B055,88A,380V,IP54



General Information

Global Commercial Alias	ACS510-01-088A-4+B055
Product ID	3ABD00021618-D
ABB Type Designation	ACS510-01-088A-4+B055
Catalog Description	ACS510-01-088A-4+B055,88A,380V,IP54
Long Description	ACS510-01-088A-4+B055,88A,380V,IP54

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-088A-4+B055,88A,380V,IP54
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	22.5 kg
Package Level 1 Depth / Length	830 mm
Package Level 1 Height	480 mm
Package Level 1 Width	340 mm
Package Level 1 Units	0 carton

Technical

Number of Phases	3
Degree of Protection	IP54
Enclosure Type NEMA	Type12
Frequency (f)	47.5 ... 63 Hz
Frame Size	R4
Input Voltage (U _{in})	380 ... 500 V
Mounting Type	Module_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
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Classifications

UNSPSC	39122001
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Environmental

WEEE Category	Product Not in WEEE Scope
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Categories

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

