



PRODUCT-DETAILS

ACS510-01-290A-4

ACS510-01-290A-4,290A,380V



General Information

Global Commercial Alias	ACS510-01-290A-4
Product ID	3ABD00027039-D
ABB Type Designation	ACS510-01-290A-4
Catalog Description	ACS510-01-290A-4,290A,380V
Long Description	ACS510-01-290A-4,290A,380V

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-290A-4,290A,380V
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	76 kg
Product Net Depth / Length	955 mm
Product Net Height	420 mm
Product Net Width	350 mm
Package Level 1 Depth / Length	1000 mm
Package Level 1 Height	500 mm
Package Level 1 Width	400 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	R6
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use (I_n)	290 A
Output Power, Normal Use (P_n)	160 kW
Apparent Power Output	201 kV·A
Efficiency Level	IE2
Standby Loss	41 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1033 W	0.5 %	91.4 %
0 / 50 %	1423 W	0.7 %	93.6 %
0 / 100 %	2451 W	1.2 %	94.4 %
50 / 25 %	1170 W	0.6 %	95.1 %
50 / 50 %	1706 W	0.8 %	96.2 %
50 / 100 %	3117 W	1.6 %	96.5 %
90 / 50 %	2160 W	1.1 %	97.3 %
90 / 100 %	4194 W	2.1 %	97.4 %

Temperature Rating	40 °C
--------------------	-------

External Classifications and Standards

UNSPSC	39122001
--------	----------

Environmental

WEEE Category	Product Not in WEEE Scope
---------------	---------------------------

Additional Information

Product Name	Frequency Converter
--------------	---------------------

Categories

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

