

## PRODUCT-DETAILS

# ACS510-01-246A-4

## ACS510-01-246A-4,246A,380V,IP21



### General Information

Global Commercial Alias	ACS510-01-246A-4
Product ID	3ABD00022031-D
ABB Type Designation	ACS510-01-246A-4
Catalog Description	ACS510-01-246A-4,246A,380V,IP21
Long Description	ACS510-01-246A-4,246A,380V,IP21

### Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-246A-4,246A,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	76 kg
Product Net Depth / Length	955 mm
Product Net Height	420 mm
Product Net Width	350 mm
Package Level 1 Depth / Length	970 mm
Package Level 1 Height	560 mm
Package Level 1 Width	370 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 <sub>in</sub> )	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use (I <sub>n</sub> )	245 A
Output Power, Normal Use (P <sub>n</sub> )	132 kW
Apparent Power Output	170 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 %	715 W	0.4 %	92.8 %
0 / 50 %	999 W	0.6 %	94.7 %
0 / 100 %	1831 W	1.1 %	95.1 %
50 / 25 %	808 W	0.5 %	96 %
50 / 50 %	1201 W	0.7 %	96.9 %
50 / 100 %	2324 W	1.4 %	96.9 %
90 / 50 %	1541 W	0.9 %	97.7 %
90 / 100 %	3132 W	1.8 %	97.7 %

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

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

