



PRODUCT-DETAILS

ACS510-01-031A-4**ACS510-01-031A-4,31A,380V,IP21****General Information**

Global Commercial Alias	ACS510-01-031A-4
Product ID	3ABD00015749-D
ABB Type Designation	ACS510-01-031A-4
Catalog Description	ACS510-01-031A-4,31A,380V,IP21
Long Description	ACS510-01-031A-4,31A,380V,IP21

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-031A-4,31A,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	19.2 kg
Product Net Depth / Length	675 mm
Product Net Height	384 mm
Product Net Width	284 mm
Package Level 1 Depth / Length	700 mm
Package Level 1 Height	400 mm
Package Level 1 Width	290 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R3
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounted
Output Current, Normal Use (I _n)	31 A
Output Power, Normal Use (P _n)	15 kW
Apparent Power Output	21 kV·A
Efficiency Level	IE2
Standby Loss	14 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	169 W	0.8 %	87 %
0 / 50 %	210 W	1 %	91.3 %
0 / 100 %	347 W	1.6 %	92.7 %
50 / 25 %	184 W	0.9 %	92.8 %
50 / 50 %	237 W	1.1 %	95.1 %
50 / 100 %	404 W	1.9 %	95.8 %
90 / 50 %	258 W	1.2 %	97 %
90 / 100 %	493 W	2.3 %	97.1 %

Temperature Rating	40 °C
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External Classifications and Standards

UNSPSC	39122001
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Environmental

WEEE Category	Product Not in WEEE Scope
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Additional Information

Product Name

Frequency Converter

Categories

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

