



PRODUCT-DETAILS

ACS510-01-180A-4**ACS510-01-180A-4,180A,380V,IP21****General Information**

Global Commercial Alias	ACS510-01-180A-4
Product ID	3ABD00015757-D
ABB Type Designation	ACS510-01-180A-4
Catalog Description	ACS510-01-180A-4,180A,380V,IP21
Long Description	ACS510-01-180A-4,180A,380V,IP21

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS510-01-180A-4,180A,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	61 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	1 crate

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)	180 A
Output Power, Normal Use (P_n)	90 kW
Apparent Power Output	125 kV·A
Efficiency Level	IE2
Standby Loss	32 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	647 W	0.5 %	91.3 %
0 / 50 %	875 W	0.7 %	93.7 %
0 / 100 %	1486 W	1.2 %	94.5 %
50 / 25 %	716 W	0.6 %	95.2 %
50 / 50 %	1011 W	0.8 %	96.4 %
50 / 100 %	1798 W	1.4 %	96.8 %
90 / 50 %	1223 W	1 %	97.6 %
90 / 100 %	2274 W	1.8 %	97.7 %

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

