

PRODUCT-DETAILS

ACS550-01-180A-4

ACS550-01-180A-4,180A,380V,IP21



General Information

Global Commercial Alias	ACS550-01-180A-4
Product ID	3ABD64726838
ABB Type Designation	ACS550-01-180A-4
Catalog Description	ACS550-01-180A-4,180A,380V,IP21
Long Description	ACS550-01-180A-4,180A,380V,IP21

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS550-01-180A-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	78 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

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, Heavy-Duty Use (I_{HD})	156 A
Output Current, Normal Use (I_n)	180 A
Output Power, Heavy-Duty Use (P_{HD})	75 kW
Output Power, Normal Use (P_n)	90 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	518 W	0.4 %	92.9 %
0 / 50 %	756 W	0.6 %	94.5 %
0 / 100 %	1357 W	1.1 %	95.0 %
50 / 25 %	579 W	0.5 %	96.1 %
50 / 50 %	879 W	0.7 %	96.9 %
50 / 100 %	1630 W	1.3 %	97.1 %
90 / 50 %	1057 W	0.8 %	97.9 %
90 / 100 %	2042 W	1.6 %	97.9 %

Additional Information	
Product Name	Frequency Converter

Classifications

UNSPSC	39122001
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Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Categories

Drives → Low Voltage AC Drives → Legacy AC Drives → ACS550-01 - Wall-mounted drive

