



PRODUCT-DETAILS

ACS550-01-125A-4

ACS550-01-125A-4,125A,380V,IP21



General Information	
Global Commercial Alias	ACS550-01-125A-4
Product ID	3ABD68589657
ABB Type Designation	ACS550-01-125A-4
Catalog Description	ACS550-01-125A-4,125A,380V,IP21
Long Description	ACS550-01-125A-4,125A,380V,IP21

Ordering	
Customs Tariff Number	85044099
HS Code	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
Invoice Description	ACS550-01-125A-4,125A,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	45 kg
Product Net Depth / Length	814 mm
Product Net Height	306 mm
Product Net Width	315 mm
Package Level 1 Depth / Length	830 mm
Package Level 1 Height	450 mm
Package Level 1 Width	335 mm
Package Level 1 Units	0 carton

Technical	
Number of Phases	3-phase
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R5
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use (I _n)	125 A
Output Current, Heavy-Duty Use (I _{HD})	87 A
Output Power, Normal Use (P _n)	55 kW
Output Power, Heavy-Duty Use (P _{HD})	45 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	480 W	0.6 %	90.8 %
0 / 50 %	679 W	0.8 %	93.0 %
0 / 100 %	1303 W	1.5 %	93.2 %
50 / 25 %	525 W	0.6 %	94.9 %
50 / 50 %	777 W	0.9 %	96.0 %
50 / 100 %	1529 W	1.8 %	96.1 %
90 / 50 %	893 W	1.0 %	97.4 %
90 / 100 %	1932 W	2.2 %	97.2 %

External Classifications and Standards	
UNSPSC	39122001

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

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

