



PRODUCT-DETAILS

ACS550-01-038A-4
ACS550-01-038A-4,38A,380V,IP21



General Information	
Global Commercial Alias:	ACS550-01-038A-4
Product ID:	3AUA0000002431-D
ABB Type Designation:	ACS550-01-038A-4
Catalog Description:	ACS550-01-038A-4,38A,380V,IP21
Long Description:	ACS550-01-038A-4,38A,380V,IP21
Display Name:	ACS550-01-038A-4

Electrical Data				
Temp Class	Network Freq	Network Voltage	Power	Current
--	50/60 Hz	380-480 V	18.50 kW	38.00 A

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:	ACS550-01-038A-4,38A,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:	18 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

Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	196 W	0.7 %	87.6 %
0 / 50 %	268 W	1.0 %	90.9 %
0 / 100 %	488 W	1.9 %	91.7 %
50 / 25 %	217 W	0.8 %	93.1 %
50 / 50 %	309 W	1.2 %	94.8 %
50 / 100 %	580 W	2.2 %	95.1 %
90 / 50 %	344 W	1.3 %	96.7 %
90 / 100 %	712 W	2.7 %	96.6 %

Number of Phases:	3-phase
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_NO UNIT\$
Output Current, Normal Use (I_n):	38 A

Output Current, Heavy-Duty Use (I_{HD}):	31 A
Output Power, Normal Use (P_n):	18.5 kW
Output Power, Heavy-Duty Use (P_{HD}):	15 kW
Efficiency Level:	IE2

Environmental

WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
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External Classifications and Standards

UNSPSC:	39122001
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Categories

Products > Drives > Low Voltage AC Drives > Legacy AC Drives > ACS550-01 - Wall-mounted drive

