

PRODUCT-DETAILS

ACS530-01-106A-4+P973

ACS530-01-106A-4+P973 PN:55kW, IN:106A



General Information

Global Commercial Alias	ACS530-01-106A-4+P973
Product ID	3ABD00050002-D
ABB Type Designation	ACS530-01-106A-4+P973
Catalog Description	ACS530-01-106A-4+P973 PN:55kW, IN:106A

Long Description

The ACS530-01 can control your compressors, conveyors, pumps, centrifuges, fans, and many other variable and simple constant torque applications, in a variety of light industries, including food and beverage, plastic, textile, material handling, and agriculture. All essential features are built-in as standard, simplifying drive selection, and making additional hardware unnecessary. The basic control panel enable fast setup, commissioning, use, and maintenance, while a rugged and robust design make it a good fit for various environments. The wall-mounted ACS530-01 comes in an IP20 enclosure as standard.

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-01-106A-4+P973 PN:55kW, IN:106A
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	26.5 kg
Product Net Depth / Length	295 mm
Product Net Height	596 mm
Product Net Width	203 mm
Package Level 1 Depth / Length	830 mm
Package Level 1 Height	510 mm
Package Level 1 Width	280 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R5
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	100 A
Output Current, Normal Use (I_n)	106 A
Output Power, Light-Overload Use (P_{LD})	55 kW
Output Power, Normal Use (P_n)	55 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	325 W	0.4 %	92.5 %
0 / 50 %	449 W	0.6 %	94.5 %
0 / 100 %	864 W	1.2 %	94.6 %
50 / 25 %	359 W	0.5 %	95.9 %
50 / 50 %	521 W	0.7 %	96.8 %
50 / 100 %	1023 W	1.4 %	96.9 %
90 / 50 %	606 W	0.8 %	97.9 %
90 / 100 %	1290 W	1.8 %	97.8 %

Additional Information

Product Name

Frequency Converter

Classifications	
UNSPSC	39122001

Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories	
Drives → Low Voltage AC Drives → General Purpose Drives → ACS530-01 - Wall-mounted drive	

