

## PRODUCT-DETAILS

# ACS530-01-03A3-4+P972

## ACS530-01-03A3-4+P972 PN: 1.1kW, IN: 3.3A



### General Information

Global Commercial Alias	ACS530-01-03A3-4+P972
Product ID	3ABD00058134-D
ABB Type Designation	ACS530-01-03A3-4+P972
Catalog Description	ACS530-01-03A3-4+P972 PN: 1.1kW, IN: 3.3A

#### 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	ACS530-01-03A3-4+P972 PN: 1.1kW, IN: 3.3A
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	1.6 kg
Product Net Depth / Length	207 mm
Product Net Height	223 mm
Product Net Width	73 mm
Package Level 1 Depth / Length	280 mm
Package Level 1 Height	270 mm
Package Level 1 Width	150 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	R0
Input Voltage ( $U_{in}$ )	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use ( $I_{LD}$ )	3.1 A
Output Current, Normal Use ( $I_n$ )	3.3 A
Output Power, Light-Overload Use ( $P_{LD}$ )	1.1 kW
Output Power, Normal Use ( $P_n$ )	1.1 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	30 W	1.3 %	80.2 %
0 / 50 %	34 W	1.5 %	87.5 %
0 / 100 %	42 W	1.8 %	91.2 %
50 / 25 %	31 W	1.4 %	89 %
50 / 50 %	35 W	1.5 %	93.3 %
50 / 100 %	46 W	2 %	95.1 %
90 / 50 %	39 W	1.7 %	95.8 %
90 / 100 %	55 W	2.4 %	96.8 %

## Additional Information

Product Name	Frequency Converter
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Classifications	
UNSPSC	39122001

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

