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 PRODUCT-DETAILS

## ACS530-01-05A6-4

### ACS530-01-05A6-4 PN: 2.2kW, IN: 5.6A




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**General Information**

Global Commercial Alias	ACS530-01-05A6-4
Product ID	3ABD00039827
ABB Type Designation	ACS530-01-05A6-4
Catalog Description	ACS530-01-05A6-4 PN: 2.2kW, IN: 5.6A

## 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.

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**Ordering**

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-01-05A6-4 PN: 2.2kW, IN: 5.6A
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 <sub>in</sub> )	380 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Light-Overload Use (I <sub>LD</sub> )	5.3 A
Output Current, Normal Use (I <sub>n</sub> )	5.6 A
Output Power, Light-Overload Use (P <sub>LD</sub> )	2.2 kW
Output Power, Normal Use (P <sub>n</sub> )	2.2 kW
Apparent Power Output	3.9 kV-A
Efficiency Level	IE2
Standby Loss	15 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	45 W	1.2 %	82.1 %
0 / 50 %	52 W	1.3 %	88.4 %
0 / 100 %	71 W	1.8 %	91.2 %
50 / 25 %	47 W	1.2 %	90.1 %
50 / 50 %	55 W	1.4 %	93.7 %
50 / 100 %	79 W	2 %	95.1 %
90 / 50 %	61 W	1.6 %	96.1 %
90 / 100 %	91 W	2.3 %	96.8 %

Temperature Rating	Maximum 40 °C
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**Classifications**

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UNSPSC

39122001

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**Environmental**

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WEEE Category

Product Not in WEEE Scope

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**Additional Information**

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Product Name

Frequency Converter

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**Categories**

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

