

PRODUCT-DETAILS

ACS530-01-12A7-4+P972

ACS530-01-12A7-4+P972 PN: 5.5kW, IN: 12.6A



General Information

Global Commercial Alias	ACS530-01-12A7-4+P972
Product ID	3ABD00058052-D
ABB Type Designation	ACS530-01-12A7-4+P972
Catalog Description	ACS530-01-12A7-4+P972 PN: 5.5kW, IN: 12.6A

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.

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-01-12A7-4+P972 PN: 5.5kW, IN: 12.6A
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	4 kg
Product Net Depth / Length	223 mm
Product Net Height	331 mm
Product Net Width	125 mm
Package Level 1 Depth / Length	525 mm
Package Level 1 Height	425 mm
Package Level 1 Width	225 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	R1
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	12 A
Output Current, Normal Use (I_n)	12.6 A
Output Power, Light-Overload Use (P_{LD})	5.5 kW
Output Power, Normal Use (P_n)	5.5 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	66 W	0.8 %	87.4 %
0 / 50 %	86 W	1 %	91.2 %
0 / 100 %	155 W	1.8 %	92 %
50 / 25 %	71 W	0.8 %	93.1 %
50 / 50 %	96 W	1.1 %	95.1 %
50 / 100 %	176 W	2 %	95.5 %
90 / 50 %	106 W	1.2 %	96.9 %
90 / 100 %	211 W	2.4 %	96.9 %

Additional Information

Product Name	Frequency Converter
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Classifications

UNSPSC	39122001
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Categories

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

