

PRODUCT-DETAILS

# ACS530-01-07A2-4+P974

## ACS530-01-07A2-4+P974 PN:3kW, IN:7.2A



General Information	
Global Commercial Alias	ACS530-01-07A2-4+P974
Product ID	3ABD00050014-D
ABB Type Designation	ACS530-01-07A2-4+P974
Catalog Description	ACS530-01-07A2-4+P974 PN:3kW, IN:7.2A
Long Description	<p>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.</p> <p>The wall-mounted ACS530-01 comes in an IP20 enclosure as standard.</p>

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-01-07A2-4+P974 PN:3kW, IN:7.2A
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	203 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 ( $I_{LD}$ )	6.8 A
Output Current, Normal Use ( $I_n$ )	7.2 A
Output Power, Light-Overload Use ( $P_{LD}$ )	3 kW
Output Power, Normal Use ( $P_n$ )	3 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	48 W	1 %	84.6 %
0 / 50 %	55 W	1.1 %	90.2 %
0 / 100 %	76 W	1.5 %	92.6 %
50 / 25 %	50 W	1 %	91.7 %
50 / 50 %	60 W	1.2 %	94.7 %
50 / 100 %	86 W	1.7 %	95.8 %
90 / 50 %	67 W	1.3 %	96.6 %
90 / 100 %	100 W	2 %	97.2 %

Additional Information

Product Name	Frequency Converter
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Classifications

UNSPSC	39122001
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Environmental

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

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



