

PRODUCT-DETAILS

ACS530-01-206A-4+P972

ACS530-01-206A-4+P972 PN: 110kW, IN: 206A



General Information

Global Commercial Alias	ACS530-01-206A-4+P972
Product ID	3ABD00058064-D
ABB Type Designation	ACS530-01-206A-4+P972
Catalog Description	ACS530-01-206A-4+P972 PN: 110kW, IN: 206A
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	ACS530-01-206A-4+P972 PN: 110kW, IN: 206A
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	49.6 kg
Product Net Depth / Length	370 mm
Product Net Height	600 mm
Product Net Width	284 mm
Package Level 1 Depth / Length	970 mm
Package Level 1 Height	600 mm
Package Level 1 Width	380 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	R7
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	196 A
Output Current, Normal Use (I_n)	206 A
Output Power, Light-Overload Use (P_{LD})	110 kW
Output Power, Normal Use (P_n)	110 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	722 W	0.5 %	91.5 %
0 / 50 %	1001 W	0.7 %	93.7 %
0 / 100 %	1797 W	1.3 %	94.2 %
50 / 25 %	793 W	0.6 %	95.3 %
50 / 50 %	1138 W	0.8 %	96.5 %
50 / 100 %	2116 W	1.5 %	96.7 %
90 / 50 %	1345 W	0.9 %	97.6 %
90 / 100 %	2785 W	2 %	97.5 %

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

