

PRODUCT-DETAILS

ACS530-01-025A-4+P972

ACS530-01-025A-4+P972 PN: 11kW, IN: 25A



General Information

Global Commercial Alias	ACS530-01-025A-4+P972
Product ID	3ABD00058141-D
ABB Type Designation	ACS530-01-025A-4+P972
Catalog Description	ACS530-01-025A-4+P972 PN: 11kW, IN: 25A
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	ACS530-01-025A-4+P972 PN: 11kW, IN: 25A
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	2.5 kg
Product Net Depth / Length	207 mm
Product Net Height	220 mm
Product Net Width	172 mm
Package Level 1 Depth / Length	280 mm
Package Level 1 Height	265 mm
Package Level 1 Width	250 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	B2
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	23.8 A
Output Current, Normal Use (I_n)	25 A
Output Power, Light-Overload Use (P_{LD})	11 kW
Output Power, Normal Use (P_n)	11 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	130 W	0.8 %	87.6 %
0 / 50 %	166 W	1 %	91.4 %
0 / 100 %	290 W	1.7 %	92.4 %
50 / 25 %	138 W	0.8 %	93.3 %
50 / 50 %	182 W	1.1 %	95.3 %
50 / 100 %	331 W	1.9 %	95.7 %
90 / 50 %	207 W	1.2 %	97 %
90 / 100 %	390 W	2.3 %	97.1 %

Additional Information

Product Name Frequency Converter

Classifications

UNSPSC 39122001

Categories

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

