

PRODUCT-DETAILS

ACS530-01-09A5-4

ACS530-01-09A5-4 PN: 4kW, IN: 9.4A



General Information	
Global Commercial Alias	ACS530-01-09A5-4
Product ID	3AXD50000747559
ABB Type Designation	ACS530-01-09A5-4
Catalog Description	ACS530-01-09A5-4 PN: 4kW, IN: 9.4A
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	ACS530-01-09A5-4 PN: 4kW, IN: 9.4A
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 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	8.9 A
Output Current, Normal Use (I_n)	9.4 A
Output Power, Light-Overload Use (P_{LD})	4 kW
Output Power, Normal Use (P_n)	4 kW
Apparent Power Output	6.5 kV·A
Efficiency Level	IE2
Standby Loss	14 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	61 W	0.9 %	85 %
0 / 50 %	73 W	1.1 %	90.2 %
0 / 100 %	104 W	1.6 %	92.3 %
50 / 25 %	64 W	1 %	91.8 %
50 / 50 %	79 W	1.2 %	94.6 %
50 / 100 %	116 W	1.8 %	95.7 %
90 / 50 %	86 W	1.3 %	96.7 %
90 / 100 %	135 W	2.1 %	97.2 %

Temperature Rating Maximum 40 °C

Additional Information

Product Name Frequency Converter

Classifications

UNSPSC 39122001

Environmental

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

Categories

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

