

PRODUCT-DETAILS

ACS530-01-09A4-4

ACS530-01-09A4-4 PN: 4kW, IN: 9.4A



General Information

Global Commercial Alias	ACS530-01-09A4-4
Product ID	3ABD00039829
ABB Type Designation	ACS530-01-09A4-4
Catalog Description	ACS530-01-09A4-4 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	ACS530-01-09A4-4 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	1.6 kg
Product Net Depth / Length	207 mm
Product Net Height	223 mm
Product Net Width	73 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 ... 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	15 W

Complete Drive Module
Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	62 W	0.9 %	84.8 %
0 / 50 %	73 W	1.1 %	90.1 %
0 / 100 %	105 W	1.6 %	92.2 %
50 / 25 %	64 W	1 %	91.8 %
50 / 50 %	80 W	1.2 %	94.6 %
50 / 100 %	119 W	1.8 %	95.6 %
90 / 50 %	90 W	1.4 %	96.5 %
90 / 100 %	140 W	2.2 %	97.1 %

Temperature Rating Maximum 40 °C

Additional Information	
Product Name	Frequency Converter
Classifications	
UNSPSC	39122001
Environmental	
WEEE Category	Product Not in WEEE Scope

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

