

PRODUCT-DETAILS

ACS530-01-293A-4+J400

ACS530-01-293A-4+J400 PN: 160kW, IN: 293A



General Information	
Global Commercial Alias	ACS530-01-293A-4+J400
Product ID	3ABD00046347
ABB Type Designation	ACS530-01-293A-4+J400
Catalog Description	ACS530-01-293A-4+J400 PN: 160kW, IN: 293A
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	ACS530-01-293A-4+J400 PN: 160kW, IN: 293A
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	62.8 kg
Product Net Depth / Length	393 mm
Product Net Height	680 mm
Product Net Width	300 mm
Package Level 1 Depth / Length	1160 mm
Package Level 1 Height	650 mm
Package Level 1 Width	490 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	R8
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	278 A
Output Current, Normal Use (I_n)	293 A
Output Power, Light-Overload Use (P_{LD})	160 kW
Output Power, Normal Use (P_n)	160 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	977 W	0.5 %	91.9 %
0 / 50 %	1377 W	0.7 %	93.9 %
0 / 100 %	2536 W	1.2 %	94.3 %
50 / 25 %	1083 W	0.5 %	95.5 %
50 / 50 %	1577 W	0.8 %	96.6 %
50 / 100 %	3028 W	1.5 %	96.6 %
90 / 50 %	1902 W	0.9 %	97.7 %
90 / 100 %	4066 W	2 %	97.5 %

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	

