

PRODUCT-DETAILS

# ACS530-04-505A-4+J400

## ACS530-04-505A-4+J400 PN: 250kW, IN: 505A



### General Information

Global Commercial Alias	ACS530-04-505A-4+J400
Product ID	3ABD00059219-D
ABB Type Designation	ACS530-04-505A-4+J400
Catalog Description	ACS530-04-505A-4+J400 PN: 250kW, IN: 505A
Long Description	<p>The ACS530-04 has all essential features built-in as standard, simplifying drive selection, and making additional hardware unnecessary. A versatile and straightforward settings menu and assistants enable fast setup, commissioning, use, and maintenance, while a rugged and robust design makes it a good fit for various environments. With the ACS530 drives, you can easily take full control of your processes to comprehensively manage your plant. The ACS530-04 drive module comes in an IP00 enclosure as standard for cabinet installation. In addition, an IP20 enclosure is available.</p>

### Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-04-505A-4+J400 PN: 250kW, IN: 505A
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No

Selling Unit of Measure piece

Container Information

Gross Volume 161 dm³

Dimensions

Product Net Weight	161 kg
Product Net Depth / Length	529 mm
Product Net Height	1462 mm
Product Net Width	345 mm
Package Level 1 Depth / Length	500 mm
Package Level 1 Height	2050 mm
Package Level 1 Width	645 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP00
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R10
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Cabinet-built_NO UNIT\$
Output Current, Light-Overload Use ( $I_{LD}$ )	485 A
Output Current, Normal Use ( $I_n$ )	505 A
Output Power, Light-Overload Use ( $P_{LD}$ )	250 kW
Output Power, Normal Use ( $P_n$ )	250 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1735 W	0.5 %	91.5 %
0 / 50 %	2483 W	0.7 %	93.7 %
0 / 100 %	4506 W	1.3 %	94.2 %
50 / 25 %	1870 W	0.5 %	95.4 %
50 / 50 %	2758 W	0.8 %	96.5 %
50 / 100 %	5239 W	1.5 %	96.7 %
90 / 50 %	3178 W	0.9 %	97.7 %
90 / 100 %	6454 W	1.8 %	97.7 %

Additional Information	
Product Name	Frequency Converter

Classifications	
UNSPSC	39122001

Categories
Drives → Low Voltage AC Drives → General Purpose Drives → ACS530-04 - Drive module

