

PRODUCT-DETAILS

3ABD00059229-D
ACS530-04-820A-4+P972 PN: 450kW, IN: 820A



General Information	
Global Commercial Alias	3ABD00059229-D
Product ID	3ABD00059229-D
ABB Type Designation	ACS530-04-820A-4+P972
Catalog Description	ACS530-04-820A-4+P972 PN: 450kW, IN: 820A
Long Description	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.

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-04-820A-4+P972 PN: 450kW, IN: 820A
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	180 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	0 carton

Technical

Number of Phases	3
Degree of Protection	IP00
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R11
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Cabinet-built_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	810 A
Output Current, Normal Use (I_n)	820 A
Output Power, Light-Overload Use (P_{LD})	450 kW
Output Power, Normal Use (P_n)	450 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	2422 W	0.4 %	92.6 %
0 / 50 %	3525 W	0.6 %	94.4 %
0 / 100 %	6605 W	1.2 %	94.7 %
50 / 25 %	2630 W	0.5 %	96 %
50 / 50 %	3984 W	0.7 %	96.9 %
50 / 100 %	7719 W	1.4 %	97 %
90 / 50 %	4659 W	0.8 %	98 %
90 / 100 %	9641 W	1.7 %	97.9 %

Additional Information	
Product Name	Frequency Converter

Classifications	
UNSPSC	39122001

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

