

PRODUCT-DETAILS

3ABD00059232-D

ACS530-04-585A-4+P973 PN: 315kW, IN: 585A



General Information

Global Commercial Alias	3ABD00059232-D
Product ID	3ABD00059232-D
ABB Type Designation	ACS530-04-585A-4+P973
Catalog Description	ACS530-04-585A-4+P973 PN: 315kW, IN: 585A
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	ACS530-04-585A-4+P973 PN: 315kW, IN: 585A
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})	575 A
Output Current, Normal Use (I _n)	585 A
Output Power, Light-Overload Use (P _{LD})	315 kW
Output Power, Normal Use (P _n)	315 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1797 W	0.4 %	92.3 %
0 / 50 %	2589 W	0.6 %	94.3 %
0 / 100 %	4812 W	1.2 %	94.6 %
50 / 25 %	1945 W	0.5 %	95.9 %
50 / 50 %	2908 W	0.7 %	96.8 %
50 / 100 %	5580 W	1.4 %	96.9 %
90 / 50 %	3358 W	0.8 %	97.9 %
90 / 100 %	6828 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	

