

## PRODUCT-DETAILS

# ACS580-04-505A-4 +N7561+B051

## LV AC general purpose drive module, IEC: Pn 250 kW, 505 A (ACS580-04-505A-4 +N7561+B051)



### General Information

Global Commercial Alias	ACS580-04-505A-4 +N7561+B051
Product ID	3ABD00048210-D
ABB Type Designation	ACS580-04-505A-4 +N7561+B051
Catalog Description	LV AC general purpose drive module, IEC: Pn 250 kW, 505 A (ACS580-04-505A-4 +N7561+B051)

### Long Description

The ACS580-04 is plug-in ready to control your compressors, conveyors, pumps, extruders, centrifuges, mixers, fans, and many other variable and 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. 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 ACS580 drives, you can easily take full control of your processes to comprehensively manage your plant. The ACS580-04 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	85044086
Invoice Description	ACS580-04-505A-4 +N7561+B051 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
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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	1000 mm
Package Level 1 Height	500 mm
Package Level 1 Width	400 mm
Package Level 1 Units	0 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R10
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Heavy-Duty Use ( $I_{HD}$ )	361 A
Output Current, Light-Overload Use ( $I_{LD}$ )	485 A
Output Current, Normal Use ( $I_n$ )	505 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	200 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	250 kW
Output Power, Normal Use ( $P_n$ )	250 kW
Efficiency Level	IE2

Additional Information

Product Name	Frequency Converter
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Classifications	
UNSPSC	39122001

Environmental	
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories
Drives → Low Voltage AC Drives → General Purpose Drives → ACS580-01 - Wall-mounted drive
Drives → Low Voltage AC Drives → General Purpose Drives → ACS580-04 - Drive module

