

## PRODUCT-DETAILS

3ABD00059502-D

ACS880-01-180A-5 PN: 110KW, IN: 180A ,  
N5700



### General Information

Global Commercial Alias	3ABD00059502-D
Product ID	3ABD00059502-D
ABB Type Designation	ACS880-01-180A-5+N5700
Catalog Description	ACS880-01-180A-5 PN: 110KW, IN: 180A , N5700

### Long Description

The ACS880-01 drives are customized to meet the particular needs of specific industries, such as oil and gas, mining, metals, chemicals, cement, power plants, material handling, pulp and paper, sawmills, marine, water and wastewater, food and beverage, and automotive. They can control a wide range of applications, including cranes, extruders, winches, winders, conveyors, mixers, compressors, centrifuges, test benches, elevators, extruders, pumps, and fans. The ACS880-01 comes in one compact package for easy installation and commissioning. The drive can be installed on the wall as standard and in a cabinet as an option. The drive offering includes enclosure classes up to IP55, making it suitable for most environments and installations. ACS880-01 drives have all the essential features built-in. These features include as standard a choke for harmonic filtering as well as options like a brake chopper, EMC filter and communication protocol adapter, functional safety, external output filters, and I/O extension modules.

### Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS880-01-180A-5 PN: 110KW, IN: 180A , N5700
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	31 dm³
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Dimensions

Product Net Weight	55 kg
Product Net Depth / Length	365 mm
Product Net Height	880 mm
Product Net Width	284 mm
Package Level 1 Depth / Length	970 mm
Package Level 1 Height	600 mm
Package Level 1 Width	380 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Open Type
Frequency (f)	48 ... 63 Hz
Frame Size	R7
Input Voltage ( $U_{in}$ )	380 ... 500 V
Mounting Type	Wall-mounted
Output Current, Heavy-Duty Use ( $I_{HD}$ )	156 A
Output Current, Light-Overload Use ( $I_{LD}$ )	171 A
Output Current, Normal Use ( $I_n$ )	180 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	90 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	110 kW
Output Power, Normal Use ( $P_n$ )	110 kW

Additional Information

Product Name	Frequency Converter
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Classifications	
UNSPSC	39122001

Categories
Drives → Low Voltage AC Drives → Industrial Drives → ACS880 single drives → ACS880-01 - Wall-mounted single drive

