

PRODUCT-DETAILS

# ACS180-04N-09A8-1

## LV AC machinery drive module, IEC: Pn 2.2 kW, 9.8 A (ACS180-04N-09A8-1)



General Information	
Global Commercial Alias	ACS180-04N-09A8-1
Product ID	3AXD50000662425
ABB Type Designation	ACS180-04N-09A8-1
Catalog Description	LV AC machinery drive module, IEC: Pn 2.2 kW, 9.8 A (ACS180-04N-09A8-1)
Long Description	The ACS180 is a compact, robust, and adaptable variable speed drive (VSD) for applications such as pumps, fans, compressors, conveyors, winders and mixers. This easy-to-use compact VSD offers excellent performance and quality at superior value with all essential machinery application features embedded. And as a member of ABB's all-compatible drives portfolio, it shares the same architecture and user interfaces for ease of use.

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS180-04N-09A8-1 PN: 2.2kW, IN: 9.8A
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	2.2 dm³
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Dimensions

Product Net Weight	1.24 kg
Product Net Depth / Length	143 mm
Product Net Height	220 mm
Product Net Width	70 mm
Package Level 1 Depth / Length	225 mm
Package Level 1 Height	115 mm
Package Level 1 Width	220 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R1
Input Voltage ( $U_{in}$ )	200 ... 240 V
Mounting Type	Module_NO UNIT\$
Output Current, Heavy-Duty Use ( $I_{HD}$ )	7.4 A
Output Current, Light-Overload Use ( $I_{LD}$ )	9.3 A
Output Current, Normal Use ( $I_n$ )	9.8 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	1.5 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	2.2 kW
Output Power, Normal Use ( $P_n$ )	2.2 kW
Efficiency Level	IE2

Additional Information	
Product Name	FREQUENCY CONVERTER

Classifications	
UNSPSC	39122001

Environmental	
SCIP	030cdeeb-e61c-40db-b392-d77adebb2036 Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories	
Drives → Low Voltage AC Drives → Machinery Drives → ACS180 - Machinery Drive	

