ACS880-07-0900A-7



PRODUCT-DETAILS

ACS880-07-0900A-7

ACS880-07-0900A-7 PN: 900 kW, IN: 900 A



General Information	
Global Commercial Alias	ACS880-07-0900A-7
Product ID	3AUA0000170005
ABB Type Designation	ACS880-07-0900A-7
Catalog Description	ACS880-07-0900A-7 PN: 900 kW, IN: 900 A
Long Description	The cabinet-built single drives are built to order, meeting your needs regardless of the technical challenges. The drive configuration includes a rectifier, DC link, inverter, fuses, line choke and a main switch, all built into a compact cabinet for easy assembly and commissioning. The ACS880-07 offers a wide ariety of standardized configurations for different application requirements, from line contactors, to preventing unexpected motor starts. If the application requires more, ABB's Order-Based Engineering services can add special features to the standard product, such as an additional cabinet for customer-specific devices. Drives up to frame size R11 are based on a compact single module including rectifier and inverter. Larger drives consist of separate rectifier and inverter modules, providing redundancy with parallel connected units. If one module needs to be disconnected, the drive can continue running at reduced power. The robust design and enclosures up to IP54 make the ACS880-07 suitable for even very harsh environments.

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Country of Origin Finland (FI)
Customs Tariff Number 85044086

ACS880-07-0900A-7

Made To Order Ye Minimum Order Quantity 1 piec Order Multiple 1 piec Quote Only N. Selling Unit of Measure piec Dimensions 1470 b. Product Net Weight 1470 b. 1 per Control of Sell Selling Unit of Measure 1470 b. Product Net Weight 22,480 i. Product Net Height 2145 m. Product Net Height 1434 m. Product Net Width 1830 m. Package Level 1 Depth / Lenth 1100 m. Package Level 1 Height 2376 m. Package Level 1 Width 239 m. Package Level 1 Width 2294 m. Package Level 1 Width 239 m. Package Level 1 Width 235 m. Package Level 1 Width 239 m. Package Level 1 Width 239 m. Package Level 1 Width 230 m. Package Level 1 Width <th>HS Code</th> <th>850440 Electrical transformers, static converters (for example, rectifiers) and inductors Static converters</th>	HS Code	850440 Electrical transformers, static converters (for example, rectifiers) and inductors Static converters
Minimum Order Quantity	Invoice Description Made To Order	ACS880-07-0900A-7 PN: 900 kW, IN: 900 A Yes
Order Multiple 1 piec Quote Only N. Sallina Unit of Measure page Dimensions Product Net Weight 1470 kg Length 234 kg Product Net Depth / Length 2145 mg Length 2145 mg Product Net Height 1830 mg Product Net Width 1830 mg Package Level 1 Depth / Length 1100 mg Length 43,307 tg Package Level 1 Height 2376 mg Package Level 1 Width 233 mg Package Level 1 Width 234 mg Package Level 1 Width 235 mg Package Level 1 Width 235 mg Package Level 1 Width 234 mg Package Level 1 Width 234 mg Package Level 1 Width 234 mg Package Level 1 Width 235 mg Package Level 1 Width 234 mg Package Level 1 Width 235 mg Package Level 1 Width 23 mg Package Level 1 Width 23 mg Package Level 1 Width <td< th=""><th></th><th></th></td<>		
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Package Level 1 Depth /		84.449 in
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93.543 i Package Level 1 Width 2294 mr 90.315 i Technical Number of Phases Degree of Protection IP2 Enclosure Type NEMA Type Altitude 1000 r 5 9 Power Factor 0,9 Sound dB (A) 74 dB(A Multiple Battery Lithium Coin, BR2032, 2pcs, 3V, 200mAh, 3 information Lithium Coin, BR2032, 2pcs, 3V, 200mAh, 3 information 25 99 Mounting Type Cabinet-bui Communication Protocol Catinet-bui Communication Protocol Catinet-bui Communication Protocol Industrial Etherhert Profiles RPOFIBET (T.P.P.II) Number of Hardware Industrial Ethernet Parallel PROFINET (R.S.222 R.S.425	=	
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Number of Phases Degree of Protection IP2		
Degree of Protection IP2 Enclosure Type NEMA Type Altitude 1000 r 5		
Enclosure Type NEMA Type Altitude 1000 r 5 9 5 9 Power Factor 0.9 Sound dB (A) 74 dB(A Multiple Battery information Lithium Coin, BR2032, 2pcs, 3V, 200mAh, 3information Frequency (f) 48 63 H Frequency (f) 48 63 H Frequency (f) 525 690 N Mounting Type Cabinet-buil Communication Protocol CAT Communication Protocol CAT William Communication Protocol CAT Communication Protocol CAT William Communication Protocol CAT PROFINET IC TCP/III MODBUS Other Bus System PROFINET IC TCP/III VERY PROFINET IC TCP/III TCP/III Number of Hardware interfaces Industrial Ethernet interfaces PROFINET IC TCP/III RS-232 RS-422		3
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RS-485 Serial TTY USB Includes Control un PC connection Analog Inputs Analog Outputs		RS-422 0
Includes Control un PC connection Analog Inputs Analog Outputs		RS-485 1
Analog Inputs Analog Outputs		Serial TTY 0 USB 1
Analog Outputs	Includes	Control unit PC connection
	Analog Inputs	4
Number of Digital 14 / 1	Analog Outputs	4
	Number of Digital	14 / 10

ACS880-07-0900A-7 3/4

673 A	
864 A	
900 A	
630 kW	
800 kW	
900 kW	
Energy efficiency data according to IEC-61800-9-2 is available from the ecodesign tool (https://ecodesign.drivesmotors.abb.com).	

Classifications

<u>UNSPSC</u> 39122001

Environmental

SCIPF97239A0-8F1B-4B36-A0F6-34D1783CB8EB Finland (FI)WEEE Category4. Large Equipment (Any External Dimension More Than 50 cm)

Additional Information

Product Main Type ACS880-07
Product Name Frequency converter

Categories

 $\text{Drives} \rightarrow \text{Low Voltage AC Drives} \rightarrow \text{Industrial Drives} \rightarrow \text{ACS880 single drives} \rightarrow \text{ACS880-07 - Cabinet-built single drives}$

ACS880-07-0900A-7 4/4

