

## PRODUCT-DETAILS

# ACS480-04-12A2-2

LV AC general purpose drive, PN: 3 kW, IN: 12.2 A, UIN: 200 ... 240 V (ACS480-04-12A2-2)



## General Information

Global Commercial Alias	ACS480-04-12A2-2
Product ID	3AXD50000217366
ABB Type Designation	ACS480-04-12A2-2
EAN	6438177513124
Catalog Description	LV AC general purpose drive, PN: 3 kW, IN: 12.2 A, UIN: 200 ... 240 V (ACS480-04-12A2-2)

Long Description	<p>The ACS480 is a ready-made and capable package for many applications, such as compressors, fan and conveyors, in a variety of light industries, including food and beverage, logistics and warehousing, water and wastewater, and agriculture. It has all essential features built-in as standard, simplifying drive selection, and making additional hardware unnecessary. Straightforward settings menu and assistants enable fast setup, commissioning, use and maintenance. It's a great fit for variable torque and basic speed applications, where you can leverage a compact, cabinet-optimized design for a cost-effective and efficient solution.</p>
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## Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044085

Invoice Description	ACS480-04-12A2-2 PN: 3.0 kW, IN: 12.2 A
Made To Order	Yes
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Container Information

Gross Volume	4.499 dm³
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Dimensions

Product Net Weight	2.2 kg 4.850 lb
Product Net Depth / Length	208 mm 8.189 in
Product Net Height	223 mm 8.780 in
Product Net Width	97 mm 3.819 in
Package Level 1 Depth / Length	282 mm 11.102 in
Package Level 1 Height	273 mm 10.748 in
Package Level 1 Width	174 mm 6.850 in

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	58.80 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g
Frequency (f)	47.5 ... 63 Hz
Frame Size	R2
Input Voltage (U <sub>in</sub> )	200 ... 240 V
Communication Protocol	CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIBUS PROFINET IO TCP/IP
Number of Hardware Interfaces	Industrial Ethernet 0 Other 2 Parallel 0

	PROFINET 0
	RS-232 0
	RS-422 0
	RS-485 1
	Serial TTY 0
	USB 1
Includes	Control unit PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6 / 3
Output Current, Heavy-Duty Use ( $I_{HD}$ )	9.8 A
Output Current, Light-Overload Use ( $I_{LD}$ )	11.6 A
Output Current, Normal Use ( $I_n$ )	12.2 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	2.2 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	3.0 kW
Output Power, Normal Use ( $P_n$ )	3 kW
Apparent Power Output	8.5 kV·A
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current
0/25 %
0/50 %
0/100 %
50/25 %
50/50 %
50/100 %
90/50 %
90/100 %

Temperature Rating	Maximum 50 °C
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Additional Information

Product Main Type	ACS480-04
Product Name	Frequency converter

Classifications

ETIM 8	EC001857 - Frequency converter =< 1 kV
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ETIM 9

EC001857 - Frequency converter =< 1 kV

Environmental

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS480-04 - Drive module

