

PRODUCT-DETAILS

ACS480-04-026A-4

LV AC general purpose drive, PN: 11 kW, IN: 25 A, UIN: 380 ... 480 V (ACS480-04-026A-4)



General Information

Global Commercial Alias	ACS480-04-026A-4
Product ID	3AXD50000047793
ABB Type Designation	ACS480-04-026A-4
EAN	6438177459019
Catalog Description	LV AC general purpose drive, PN: 11 kW, IN: 25 A, UIN: 380 ... 480 V (ACS480-04-026A-4)
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>

Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS480-04-026A-4 PN: 11.0 kW, IN: 25 A
Made To Order	Yes
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No

Selling Unit of Measure	piece
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Container Information

Gross Volume	7.871 dm ³
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Dimensions

Product Net Weight	2.5 kg 5.512 lb
Product Net Depth / Length	208 mm 8.189 in
Product Net Height	220 mm 8.661 in
Product Net Width	172 mm 6.772 in
Package Level 1 Depth / Length	284 mm 11.181 in
Package Level 1 Height	273 mm 10.748 in
Package Level 1 Width	250 mm 9.843 in
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	65.80 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g
Frequency (f)	47 ... 63 Hz
Frame Size	R3
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Module for cabinet building
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	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6 / 3

Output Current, Heavy-Duty Use (I_{HD})	17.0 A
Output Current, Light-Overload Use (I_{LD})	23.8 A
Output Current, Normal Use (I_n)	25 A
Output Power, Heavy-Duty Use (P_{HD})	7.5 kW
Output Power, Light-Overload Use (P_{LD})	11.0 kW
Output Power, Normal Use (P_n)	11 kW
Apparent Power Output	17 kV·A
Efficiency Level	IE2
Standby Loss	26 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	130 W	87.6 %	0.8 %
0/50 %	166 W	91.4 %	1.0 %
0/100 %	290 W	92.4 %	1.7 %
50/25 %	138 W	93.3 %	0.8 %
50/50 %	182 W	95.3 %	1.1 %
50/100 %	331 W	95.7 %	1.9 %
90/50 %	207 W	97.0 %	1.2 %
90/100 %	390 W	97.1 %	2.3 %

Temperature Rating Maximum 50 °C

Additional Information

Product Main Type	ACS480-04
Product Name	Frequency converter

Classifications

ETIM 7	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

Environmental

SCIP	d47e4459-83a3-4590-a72e-d9674f7109ad Finland (FI)
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

