

PRODUCT-DETAILS

ACS480-04-02A4-1

LV AC general purpose drive module, IEC: Pn
0.37 kW, 2.4 A, 200 V (ACS480-04-02A4-1)



General Information

Global Commercial Alias	ACS480-04-02A4-1
Product ID	3AXD50000246137
ABB Type Designation	ACS480-04-02A4-1
EAN	6438177534341
Catalog Description	LV AC general purpose drive module, IEC: Pn 0.37 kW, 2.4 A, 200 V (ACS480-04-02A4-1)

Long Description

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.

Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044085
HS Code	850440-- Electrical transformers, static converters (for example, rectifiers) and inductors.- Static converters
Invoice Description	ACS480-04-02A4-1 PN: 0.37 kW, IN: 2.4 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	0.011 m ³
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Dimensions

Product Net Weight	1.7 kg 3.748 lb
Product Net Depth / Length	208 mm 8.189 in
Product Net Height	223 mm 8.780 in
Product Net Width	73 mm 2.874 in
Package Level 1 Depth / Length	279 mm 10.984 in
Package Level 1 Height	264 mm 10.394 in
Package Level 1 Width	144 mm 5.669 in

Technical

Number of Phases	1
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Multiple Battery Information	Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g
Frequency (f)	47.5 ... 63 Hz
Frame Size	R0
Input Voltage (U _{in})	200 ... 240 V
Mounting Type	Module
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})	1.8 A
Output Current, Light-Overload Use (I_{LD})	2.3 A
Output Current, Normal Use (I_n)	2.4 A
Output Power, Heavy-Duty Use (P_{HD})	0.25 kW
Output Power, Light-Overload Use (P_{LD})	0.37 kW
Output Power, Normal Use (P_n)	0.37 kW
Apparent Power Output	1.0 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

Classifications

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

Environmental

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

Additional Information

Product Main Type	ACS480-04
Product Name	Frequency converter

Categories

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

