



 PRODUCT-DETAILS

ACS480-04-033A-4

LV AC general purpose drive module, IEC: Pn
15 kW, 32 A, 400 V (ACS480-04-033A-4)



General Information

Global Commercial Alias	ACS480-04-033A-4
Product ID	3AXD50000199068
ABB Type Designation	ACS480-04-033A-4
EAN	6438177508403
Catalog Description	LV AC general purpose drive module, IEC: Pn 15 kW, 32 A, 400 V (ACS480-04-033A-4)
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

Customs Tariff Number	85044087
HS Code	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND

ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters

Invoice Description	ACS480-04-033A-4 PN: 15 kW, IN: 32 A
Made To Order	Yes
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	5.6 kg 12.346 lb
Product Net Depth / Length	213 mm 8.386 in
Product Net Height	240 mm 9.449 in
Product Net Width	262 mm 10.315 in
Package Level 1 Depth / Length	356 mm 14.016 in
Package Level 1 Height	275 mm 10.827 in
Package Level 1 Width	290 mm 11.417 in
Package Level 1 Units	1 carton

Technical

Number of Phases	3-phase
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	69 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g
Frequency (f)	47.5 ... 63 Hz
Frame Size	R4
Input Voltage (U _{in})	380 ... 480 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, Normal Use (I_n)	32 A
Output Current, Light-Overload Use (I_{LD})	30.5 A
Output Current, Heavy-Duty Use (I_{HD})	25.0 A
Output Power, Normal Use (P_n)	15 kW
Output Power, Light-Overload Use (P_{LD})	15.0 kW
Output Power, Heavy-Duty Use (P_{HD})	11.0 kW
	396 W
Apparent Power Output	22 kV·A
Efficiency Level	IE2
Standby Loss	37 W
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	155 W	88.3 %	0.7 %
0/50 %	192 W	92.2 %	0.9 %
0/100 %	311 W	93.6 %	1.4 %
50/25 %	164 W	93.7 %	0.7 %
50/50 %	209 W	95.8 %	0.9 %
50/100 %	352 W	96.4 %	1.6 %
90/50 %	232 W	97.3 %	1.0 %
90/100 %	399 W	97.7 %	1.8 %

Temperature Rating Maximum 50 °C

Technical UL

Output Current, Heavy-Duty Use (UL)	21.0 A
Output Current, Light-Overload Use (UL)	27.0 A
Output Current, Normal Use (UL)	27 A

Certificates and Declarations

Declaration of Conformity - CE	3AXD10000594967
REACH Date	20250905
REACH Declaration	9AKK107992A7060
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	20230315
RoHS Declaration	3AXD10000594967

RoHS Information

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Environmental

SCIP	195df5c0-4685-425b-8b31-e03d5656a0e8 Finland
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

External Classifications and Standards

ETIM 9	EC001857 - Frequency converter =< 1 kV
ETIM 10	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

Categories

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

