

PRODUCT-DETAILS

# ACS480-04-04A1-4

## ACS480-04-04A1-4 PN: 1.5 kW, IN: 4.0 A



### Información General

Global Commercial Alias	ACS480-04-04A1-4
Código de producto	3AXD50000047767
ABB Type Designation	ACS480-04-04A1-4
EAN	6438177458951
Descripción corta	ACS480-04-04A1-4 PN: 1.5 kW, IN: 4.0 A

#### Descripción larga

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.

### Clasificación

Country of Origin	China (CN) Finland (FI)
Código arancelario	85044084
Invoice Description	ACS480-04-04A1-4 PN: 1.5 kW, IN: 4.0 A
Made To Order	Yes
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece
Quote Only	No

Selling Unit of Measure	piece
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## Información de Embalaje

Gross Volume	0.011 m <sup>3</sup>
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## Dimensiones

Peso del product	1.4 kg
Largo del product	207.1 mm
Alto del producto	223 mm
Product Net Length	207.1 mm
Ancho del product	73 mm
Embalaje Nivel 1 Largo	282 mm
Embalaje Nivel 1 Alto	273 mm
Embalaje Nivel 1 Ancho	148 mm
Embalaje Nivel 1 Unidades	1 carton

## Technical

Number of Phases	3
Grado de protección	IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	63.10 dB(A)
Frequency (f)	50/60 Hz
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Module for cabinet building
Communication Protocol	MODBUS DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1 Parallel 0 Other 2
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	3.3 A
Output Current, Light-Overload Use	3.8 A
Output Current, Normal Use	4.0 A
Output Power, Heavy-Duty Use	1.1 kW

Output Power, Light-Overload Use	1.5 kW
Output Power, Normal Use	1.5 kW
Apparent Power Output	2.8 kV·A
Efficiency Level	IE2
Standby Loss	15 W

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	34 W	1.2 %	81.0 %
0 / 50 %	39 W	1.4 %	87.9 %
0 / 100 %	50 W	1.8 %	91.4 %
50 / 25 %	36 W	1.3 %	89.5 %
50 / 50 %	41 W	1.5 %	93.5 %
50 / 100 %	55 W	2.0 %	95.2 %
90 / 50 %	44 W	1.6 %	96.0 %
90 / 100 %	62 W	2.2 %	96.9 %

Temperature Rating Maximum 50 °C

## Información Adicional

Product Main Type	ACS480-04
Product Name	Frequency converter

## Clasificaciones

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

## Ambiente

SCIP	4b7f0af1-4313-4811-b990-f45b6c1653c8 Finland (FI)
Categoría RAEE	5. Small Equipment (No External Dimension More Than 50 cm)

## Categorías

Convertidores de frecuencia → Convertidores de frecuencia de baja tensión de CA → Convertidores de frecuencia de propósito general  
ABB → ACS480-04 - Drive module

