

PRODUCT-DETAILS

# ACS480-04-12A7-4

## ACS480-04-12A7-4 PN: 5.5 kW, IN: 12.6 A



### Información General

Global Commercial Alias	ACS480-04-12A7-4
Código de producto	3AXD50000047791
ABB Type Designation	ACS480-04-12A7-4
EAN	6438177458999
Descripción corta	ACS480-04-12A7-4 PN: 5.5 kW, IN: 12.6 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	ACS480-04-12A7-4 PN: 5.5 kW, IN: 12.6 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

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Gross Volume	4.461 dm <sup>3</sup>
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## Dimensiones

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Peso del product	2 kg
Largo del product	207.1 mm
Alto del producto	223 mm
Ancho del product	96.6 mm
Embalaje Nivel 1 Largo	282 mm
Embalaje Nivel 1 Alto	273 mm
Embalaje Nivel 1 Ancho	174 mm
Embalaje Nivel 1 Unidades	1 carton

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## Technical

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Number of Phases	3
Grado de protección	acc. to IEC 60529 IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	58.80 dB(A)
Frequency (f)	47 ... 63 Hz
Input Voltage (U <sub>in</sub> )	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	9.4 A
Output Current, Light-Overload Use	12.0 A
Output Current, Normal Use	12.6 A
Output Power, Heavy-Duty Use	4.0 kW
Output Power, Light-	5.5 kW

## Overload Use

Output Power, Normal Use	5.5 kW
Apparent Power Output	8.7 kV·A
Efficiency Level	IE2
Standby Loss	16 W

## Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	64 W	87.8 %	0.7 %
0/50 %	79 W	91.9 %	0.9 %
0/100 %	129 W	93.3 %	1.5 %
50/25 %	66 W	93.6 %	0.8 %
50/50 %	85 W	95.6 %	1.0 %
50/100 %	144 W	96.3 %	1.7 %
90/50 %	94 W	97.3 %	1.1 %
90/100 %	165 W	97.6 %	1.9 %

Temperature Rating	Maximum 50 °C
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## Información Adicional

Product Main Type	ACS480-04
Product Name	Frequency converter

## Clasificaciones

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

## Ambiente

SCIP	7c31b240-4496-4458-8a39-0107a7e7ffcc 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

