

PRODUCT-DETAILS

ACS480-04-018A-4

ACS480-04-018A-4 PN: 7.5 kW, IN: 17.0 A



Información General

Global Commercial Alias	ACS480-04-018A-4
Código de producto	3AXD50000047792
ABB Type Designation	ACS480-04-018A-4
EAN	6438177459002
Descripción corta	ACS480-04-018A-4 PN: 7.5 kW, IN: 17.0 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	ACS480-04-018A-4 PN: 7.5 kW, IN: 17.0 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	0.019 m ³
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Dimensiones

Peso del product	3.3 kg
Largo del product	207.1 mm
Alto del producto	220 mm
Product Net Length	207.1 mm
Ancho del product	171.7 mm
Embalaje Nivel 1 Largo	284 mm
Embalaje Nivel 1 Alto	273 mm
Embalaje Nivel 1 Ancho	250 mm
Embalaje Nivel 1 Unidades	1 carton

Technical

Number of Phases	3
Grado de protección	IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	65.80 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	12.6 A
Output Current, Light-Overload Use	16.2 A
Output Current, Normal Use	17.0 A
Output Power, Heavy-Duty Use	5.5 kW

Output Power, Light-Overload Use	7.5 kW
Output Power, Normal Use	7.5 kW
Apparent Power Output	12 kV·A
Efficiency Level	IE2
Standby Loss	25 W

Complete Drive Module
Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	91 W	0.8 %	87.3 %
0 / 50 %	114 W	1.0 %	91.3 %
0 / 100 %	193 W	1.6 %	92.6 %
50 / 25 %	96 W	0.8 %	93.1 %
50 / 50 %	125 W	1.1 %	95.3 %
50 / 100 %	220 W	1.9 %	95.8 %
90 / 50 %	141 W	1.2 %	97.0 %
90 / 100 %	259 W	2.2 %	97.2 %

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	d47e4459-83a3-4590-a72e-d9674f7109ad 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

