

PRODUCT-DETAILS

ACS880-01-124A-5

ACS880-01-124A-5 PN: 75 kW, IN: 124 A



Información General

Global Commercial Alias	ACS880-01-124A-5
Código de producto	3AUA0000090442
ABB Type Designation	ACS880-01-124A-5
EAN	6438177558613
Descripción corta	ACS880-01-124A-5 PN: 75 kW, IN: 124 A

The ACS880-01 drives are customized to meet the particular needs of specific industries, such as oil and gas, mining, metals, chemicals, cement, power plants, material handling, pulp and paper, sawmills, marine, water and wastewater, food and beverage, and automotive. They can control a wide range of applications, including cranes, extruders, winches, winders, conveyors, mixers, compressors, centrifuges, test benches, elevators, extruders, pumps and fans.

Descripción larga

The ACS880-01 comes in one compact package for easy installation and commissioning. The drive can be installed on the wall as standard and in a cabinet as an option. The drive offering includes enclosure classes up to IP55, making it suitable for most environments and installations. ACS880-01 drives have all the essential features built-in. These features include as standard a choke for harmonic filtering as well as options like a brake chopper, EMC filter and communication protocol adapter, functional safety, external output filters and I/O extension modules.

Clasificación

Country of Origin	Finland (FI)
Código arancelario	85044088
Invoice Description	ACS880-01-124A-5 PN: 75 kW, IN: 124 A
Made To Order	Yes
Cantidad mínima de	1 piece

pedido	
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Información de Embalaje

Gross Volume	65.404 dm ³
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Dimensiones

Peso del product	42.2 kg
Largo del product	357 mm
Alto del producto	727 mm
Ancho del product	252 mm
Embalaje Nivel 1 Largo	880 mm
Embalaje Nivel 1 Alto	536 mm
Embalaje Nivel 1 Ancho	335 mm
Embalaje Nivel 1 Unidades	1 carton

Technical

Number of Phases	3
Grado de protección	IP21
Enclosure Type NEMA	Type1
Sound dB (A)	68 dB(A)
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	380 ... 500 V
Mounting Type	Wall-mounted
Communication Protocol	MODBUS DeviceNet PROFIBUS PROFIsafe 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 6
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6/5
Output Current, Heavy-Duty Use	96 A
Output Current, Light-Overload Use	118 A
Output Current, Normal Use	124 A

Output Power, Heavy-Duty Use	55 kW
Output Power, Light-Overload Use	75 kW
Output Power, Normal Use	75 kW
Apparent Power Output	107 kV-A
Efficiency Level	IE2
Standby Loss	54 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	422 W	0.4 %	93.3 %
0 / 50 %	592 W	0.6 %	95.0 %
0 / 100 %	1122 W	1.0 %	95.2 %
50 / 25 %	463 W	0.4 %	96.3 %
50 / 50 %	671 W	0.6 %	97.2 %
50 / 100 %	1314 W	1.2 %	97.2 %
90 / 50 %	771 W	0.7 %	98.2 %
90 / 100 %	1673 W	1.6 %	98.0 %

Temperature Rating Maximum 40 °C

Información Adicional

Product Main Type	ACS880-01
Product Name	Frequency converter

Clasificaciones

Product Series	ACS880
ETIM 7	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

Ambiente

SCIP	4f38a4cf-88f1-4c91-8c58-107eaa77d4f4 Finland (FI)
Categoría RAEE	4. Large Equipment (Any External Dimension More Than 50 cm)

Categorías

Convertidores de frecuencia → Convertidores de frecuencia de baja tensión de CA → Convertidores de frecuencia industriales → ACS880 Convertidores de frecuencia únicos → ACS880-01 - Wall-mounted single drive

