

PRODUCT-DETAILS

ACS880-01-07A6-5

ACS880-01-07A6-5 PN: 4.0 kW, IN: 7.6 A



Información General

Global Commercial Alias	ACS880-01-07A6-5
Código de producto	3AUA0000090432
ABB Type Designation	ACS880-01-07A6-5
EAN	6438177558309
Descripción corta	ACS880-01-07A6-5 PN: 4.0 kW, IN: 7.6 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	85044084
Invoice Description	ACS880-01-07A6-5 PN: 4.0 kW, IN: 7.6 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	14.327 dm ³
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Dimensiones

Peso del product	7 kg
Largo del product	226 mm
Alto del producto	409 mm
Ancho del product	155 mm
Embalaje Nivel 1 Largo	574 mm
Embalaje Nivel 1 Alto	281 mm
Embalaje Nivel 1 Ancho	256 mm
Embalaje Nivel 1	1 carton
Unidades	

Technical

Number of Phases	3
Grado de protección	IP21
Enclosure Type NEMA	Type1
Sound dB (A)	50 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	5.2 A
Output Current, Light-Overload Use	7.2 A
Output Current, Normal Use	7.6 A

Output Power, Heavy-Duty Use	3.0 kW
Output Power, Light-Overload Use	4.0 kW
Output Power, Normal Use	4.0 kW
Apparent Power Output	6.6 kV-A
Efficiency Level	IE2
Standby Loss	24 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	56 W	0.8 %	86.2 %
0 / 50 %	65 W	1.0 %	91.2 %
0 / 100 %	88 W	1.3 %	93.4 %
50 / 25 %	58 W	0.9 %	92.6 %
50 / 50 %	70 W	1.1 %	95.3 %
50 / 100 %	98 W	1.5 %	96.4 %
90 / 50 %	76 W	1.1 %	97.1 %
90 / 100 %	110 W	1.7 %	97.7 %

Temperature Rating	Maximum 40 °C
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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	a7cf31c1-ce85-4d83-ba2e-e1b2fdee5b72 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 industriales → ACS880 Convertidores de frecuencia únicos → ACS880-01 - Wall-mounted single drive

