

PRODUCT-DETAILS

ACS880-01-260A-5

ACS880-01-260A-5 PN: 160 kW, IN: 260 A



Información General

Global Commercial Alias	ACS880-01-260A-5
Código de producto	3AUA0000090446
ABB Type Designation	ACS880-01-260A-5
EAN	6438177554998
Descripción corta	ACS880-01-260A-5 PN: 160 kW, IN: 260 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	ACS880-01-260A-5 PN: 160 kW, IN: 260 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	111.747 dm ³
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Dimensiones

Peso del product	68 kg
Largo del product	386 mm
Alto del producto	965 mm
Ancho del product	300 mm
Embalaje Nivel 1 Largo	1085 mm
Embalaje Nivel 1 Alto	550 mm
Embalaje Nivel 1 Ancho	400 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	240 A
Output Current, Light-Overload Use	247 A
Output Current, Normal Use	260 A

Output Power, Heavy-Duty Use	132 kW
Output Power, Light-Overload Use	160 kW
Output Power, Normal Use	160 kW
Apparent Power Output	225 kV-A
Efficiency Level	IE2
Standby Loss	70 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	864 W	0.4 %	93.4 %
0 / 50 %	1246 W	0.6 %	95.0 %
0 / 100 %	2144 W	1.0 %	95.6 %
50 / 25 %	925 W	0.4 %	96.5 %
50 / 50 %	1343 W	0.6 %	97.3 %
50 / 100 %	2501 W	1.1 %	97.5 %
90 / 50 %	1587 W	0.7 %	98.2 %
90 / 100 %	3325 W	1.5 %	98.1 %

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	c6dd0766-bee0-4818-8755-c530e208bb67 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

