

PRODUCT-DETAILS

# ACS880-31-077A-5

ACS880-31-077A-5 PN: 45 kW, IN: 77 A



## Información General

Global Commercial Alias	ACS880-31-077A-5
Código de producto	3AXD50000121144
ABB Type Designation	ACS880-31-077A-5
EAN	6438177548317
Descripción corta	ACS880-31-077A-5 PN: 45 kW, IN: 77 A

Descripción larga

The ACS880-31 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. The compact ACS880-31 ultra-low harmonic drive produces exceptionally low harmonic content and exceeds the requirements set by low harmonic recommendations. The drive includes an active supply unit and integrated low harmonic line filter, meaning there is no need for external filters, multi-pulse arrangements or special transformers. Other features include output voltage boost and power factor correction.

## Clasificación

Country of Origin	Finland (FI)
Código arancelario	85044084
Invoice Description	ACS880-31-077A-5 PN: 45 kW, IN: 77 A
Made To Order	Yes
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece

Quote Only	No
Selling Unit of Measure	piece

## Información de Embalaje

Gross Volume	74.22 dm <sup>3</sup>
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## Dimensiones

Peso del product	61 kg
Largo del product	382 mm
Alto del producto	771 mm
Ancho del product	252 mm
Embalaje Nivel 1 Largo	992 mm
Embalaje Nivel 1 Alto	598 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)	71 dB(A)
Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	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	65 A
Output Current, Light-Overload Use	73 A
Output Current, Normal Use	77 A
Output Power, Heavy-Duty Use	37.0 kW

Output Power, Light-Overload Use	45.0 kW
Output Power, Normal Use	45.0 kW
Ecodesign Exemption	Energy efficiency data is not provided for the drive. The low-harmonic drives are exempt from the EU ecodesign requirements (Regulation EU/2019/1781, §2.3.d).

## Información Adicional

Product Main Type	ACS880-31
Product Name	Frequency converter

## Clasificaciones

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

## Ambiente

SCIP	9350477b-4019-4321-ae55-edeeae10d256e 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 → ACS880-31 - Wall-mounted low harmonic single drive

