

PRODUCT-DETAILS

# ACS310-03E-04A5-4

## ACS310-03E-04A5-4 Pn 1,5, I2n 4,5A IP20



### Información General

Global Commercial Alias	ACS310-03E-04A5-4
Código de producto	3AUA0000039629
ABB Type Designation	ACS310-03E-04A5-4
EAN	6410038785758
Descripción corta	ACS310-03E-04A5-4 Pn 1,5, I2n 4,5A IP20
Descripción larga	The ACS310 drives are designed for squared torque applications such as booster pumps and supply and return fans. The drive includes a powerful and beneficial set of features designed for pump and fan applications. These features include built-in PID controllers and pump and fan control (PFC) that varies the drive's performance in response to changes in pressure, flow or other external data.

### Clasificación

Country of Origin	China (CN) Finland (FI)
Código arancelario	85044084
Invoice Description	ACS310-03E-04A5-4 Pn 1,5, I2n 4,5A IP20
Made To Order	No
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece
Quote Only	No

Selling Unit of Measure	piece
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## Dimensiones

Peso del product	1.7 kg
Largo del product	217 mm
Alto del producto	344 mm
Product Net Length	217 mm
Ancho del product	132 mm
Embalaje Nivel 1	1 carton
Unidades	

## Technical

Number of Phases	3
Grado de protección	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Module for cabinet building
Communication Protocol	MODBUS
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 1 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Parallel 0 Other 1
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	1
Number of Digital In/Outputs	5/1
Output Current, Light-Overload Use	4.1 A
Output Current, Normal Use	4.5 A
Output Power, Light-Overload Use	1.5 kW
Output Power, Normal Use	1.5 kW
Apparent Power Output	3.1 kV·A
Efficiency Level	IE2
Standby Loss	8 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	35 W	1.1 %	82.5 %
0 / 50 %	40 W	1.3 %	88.9 %
0 / 100 %	52 W	1.7 %	91.9 %
50 / 25 %	36 W	1.2 %	90.4 %
50 / 50 %	42 W	1.4 %	94.0 %
50 / 100 %	57 W	1.8 %	95.6 %
90 / 50 %	46 W	1.5 %	96.3 %
90 / 100 %	63 W	2.0 %	97.2 %

Temperature Rating

Maximum 40 °C

## Información Adicional

Product Main Type

ACS310

Product Name

Frequency converter

## Clasificaciones

Product Series

ACS310

ETIM 7

EC001857 - Frequency converter =&lt; 1 kV

UNSPSC

39122001

## Ambiente

SCIP

fe629aef-0cd8-4aa5-bc1a-660329359953 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 → ACS310 - Drive module for pumps and fans

