

PRODUCT-DETAILS

# ACS310-03E-10A8-2

## ACS310-03E-10A8-2 Pn 2,2, I2n 10,8A IP20



### Información General

Global Commercial Alias	ACS310-03E-10A8-2
Código de producto	3AUA0000039234
ABB Type Designation	ACS310-03E-10A8-2
EAN	6410038785659
Descripción corta	ACS310-03E-10A8-2 Pn 2,2, I2n 10,8A 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-10A8-2 Pn 2,2, I2n 10,8A IP20
Made To Order	No
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

## Dimensiones

Peso del product	2.4 kg
Largo del product	217 mm
Alto del producto	344 mm
Product Net Length	217 mm
Ancho del product	166 mm
Embalaje Nivel 1 Unidades	0 carton

## Technical

Number of Phases	3
Grado de protección	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Input Voltage ( $U_{in}$ )	200 ... 240 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	9.8 A
Output Current, Normal Use	10.8 A
Output Power, Light-Overload Use	2.2 kW
Output Power, Normal Use	2.2 kW
Apparent Power Output	4.3 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 %	52 W	1.2 %	81.3 %
0 / 50 %	62 W	1.5 %	87.6 %
0 / 100 %	87 W	2.0 %	90.4 %
50 / 25 %	55 W	1.3 %	89.6 %
50 / 50 %	68 W	1.6 %	93.1 %
50 / 100 %	97 W	2.3 %	94.6 %
90 / 50 %	76 W	1.8 %	95.6 %
90 / 100 %	110 W	2.6 %	96.5 %

Temperature Rating

Maximum 40 °C

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## Información Adicional

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Product Main Type	ACS310
Product Name	Frequency converter

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## Clasificaciones

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Product Series	ACS310
ETIM 7	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

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## Ambiente

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SCIP	b0e4e66a-b44c-4d3e-b08c-b215ee51efe7 Finland (FI)
Categoría RAEE	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categorías

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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

