

PRODUCT-DETAILS

# ACS310-03E-09A7-4

## ACS310-03E-09A7-4 Pn 4, I2n 9,7A IP20



### Información General

Global Commercial Alias	ACS310-03E-09A7-4
Código de producto	3AUA0000039632
ABB Type Designation	ACS310-03E-09A7-4
EAN	6410038785789
Descripción corta	ACS310-03E-09A7-4 Pn 4, I2n 9,7A 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)
Código arancelario	85044084
Invoice Description	ACS310-03E-09A7-4 Pn 4, I2n 9,7A 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	1.8 kg
Alto del producto	344 mm
Product Net Length	217 mm
Ancho del product	132 mm
Embalaje Nivel 1 Unidades	1 carton

## 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	8.8 A
Output Current, Normal Use	9.7 A
Output Power, Light-Overload Use	4 kW
Output Power, Normal Use	4 kW
Apparent Power Output	6.7 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 %	68 W	1.0 %	84.0 %
0 / 50 %	79 W	1.2 %	89.7 %
0 / 100 %	109 W	1.6 %	92.1 %
50 / 25 %	71 W	1.1 %	91.2 %
50 / 50 %	86 W	1.3 %	94.3 %
50 / 100 %	123 W	1.8 %	95.6 %
90 / 50 %	96 W	1.4 %	96.4 %
90 / 100 %	143 W	2.1 %	97.1 %

Temperature Rating

Maximum 40 °C

---

## Información Adicional

---

Product Main Type	ACS310
Product Name	Frequency converter

---

---

## Clasificaciones

---

Product Series	ACS310
ETIM 7	EC001857 - Frequency converter =< 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

