

PRODUCT-DETAILS

ACS310-01E-09A8-2

ACS310-01E-09A8-2 Pn 2,2kW, I2n 9,8A IP20



Información General

Global Commercial Alias	ACS310-01E-09A8-2
Código de producto	3AUA0000039071
ABB Type Designation	ACS310-01E-09A8-2
EAN	6438177247623
Descripción corta	ACS310-01E-09A8-2 Pn 2,2kW, I2n 9,8A 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	ACS310-01E-09A8-2 Pn 2,2kW, I2n 9,8A 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
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	1
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	9.4 A
Output Current, Normal Use	9.8 A
Output Power, Light-Overload Use	2.2 kW
Output Power, Normal Use	2.2 kW
Apparent Power Output	3.9 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 %	50 W	1.3 %	80.7 %
0 / 50 %	58 W	1.5 %	87.3 %
0 / 100 %	79 W	2.0 %	90.4 %
50 / 25 %	52 W	1.3 %	89.2 %
50 / 50 %	63 W	1.6 %	93.0 %
50 / 100 %	89 W	2.3 %	94.6 %
90 / 50 %	70 W	1.8 %	95.5 %
90 / 100 %	103 W	2.6 %	96.4 %

Temperature Rating Maximum 40 °C

Ecodesign Exemption Energy efficiency data is not provided for the 1~230 V drives. The drives with

one phase input are not in the scope of the EU ecodesign requirements (Regulation EU/2019/1781).

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	5145c716-dcb6-4ade-a2e2-c4b6286fb7f9 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

