

PRODUCT-DETAILS

ACS310-03E-41A8-4

ACS310-03E-41A8-4 Pn 18,5, I2n 41,8A IP20



Información General

Global Commercial Alias	ACS310-03E-41A8-4
Código de producto	3AUA0000039637
ABB Type Designation	ACS310-03E-41A8-4
EAN	6410038785833
Descripción corta	ACS310-03E-41A8-4 Pn 18,5, I2n 41,8A 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)
Código arancelario	85044088
Invoice Description	ACS310-03E-41A8-4 Pn 18,5, I2n 41,8A 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	5.4 kg
Largo del product	423 mm
Alto del producto	243 mm
Product Net Length	423 mm
Ancho del product	260 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	38 A
Output Current, Normal Use	41.8 A
Output Power, Light-Overload Use	18.5 kW
Output Power, Normal Use	18.5 kW
Apparent Power Output	29 kV·A
Efficiency Level	IE2
Standby Loss	12 W

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	219 W	0.8 %	87.5 %
0 / 50 %	279 W	1.0 %	91.4 %
0 / 100 %	486 W	1.7 %	92.4 %
50 / 25 %	233 W	0.8 %	93.2 %
50 / 50 %	308 W	1.1 %	95.2 %
50 / 100 %	551 W	1.9 %	95.7 %
90 / 50 %	349 W	1.2 %	97.0 %
90 / 100 %	640 W	2.2 %	97.2 %

Temperature Rating	Maximum 40 °C
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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	8681dddd-c560-4b6e-9399-bb3de753aac5 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

