

PRODUCT-DETAILS

ACS580-01-012A-2

ACS580-01-012A-2 PN: 3.0 kW, IN: 12.0 A



Información General

Global Commercial Alias	ACS580-01-012A-2
Código de producto	3AXD50000417377
ABB Type Designation	ACS580-01-012A-2
EAN	6438177591092
Descripción corta	ACS580-01-012A-2 PN: 3.0 kW, IN: 12.0 A

Descripción larga	The ACS580-01 is plug-in ready to control your compressors, conveyors, pumps, extruders, centrifuges, mixers, fans and many other variable and constant torque applications, in a variety of light industries, including food and beverage, plastic, textile, material handling, and agriculture. All essential features are built-in as standard, simplifying drive selection, and making additional hardware unnecessary. Versatile and straightforward settings menu and assistants enable fast setup, commissioning, use and maintenance, while rugged and robust design makes it a good fit for various environments. With the ACS580 drives you can easily take full control of your processes to comprehensively manage your plant. The wall-mounted ACS580-01 comes in IP21 enclosure as standard. Also, IP55 and flange mounting units are available.
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Clasificación

Country of Origin	Finland (FI)
Código arancelario	85044084
Invoice Description	ACS580-01-012A-2 PN: 3.0 kW, IN: 12.0 A
Made To Order	Yes
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece

Quote Only	No
Selling Unit of Measure	piece

Información de Embalaje

Gross Volume	10.397 dm ³
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Dimensiones

Peso del product	4.6 kg
Alto del producto	373 mm
Product Net Length	223 mm
Ancho del product	125 mm

Technical

Number of Phases	3
Grado de protección	IP21
Enclosure Type NEMA	Type1
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	200 ... 240 V
Mounting Type	Wall-mounted
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1 Parallel 2 Other 2
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	43530
Output Current, Heavy-Duty Use	7.5 A
Output Current, Light-Overload Use	11.8 A
Output Current, Normal Use	12.0 A
Output Power, Heavy-Duty Use	2.2 kW
Output Power, Light-Overload Use	3.0 kW
Output Power, Normal Use	3.0 kW
Apparent Power Output	4.8 kV-A
Efficiency Level	IE2
Standby Loss	13 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	54 W	1.1 %	82.3 %
0 / 50 %	65 W	1.4 %	88.2 %
0 / 100 %	94 W	2.0 %	90.6 %
50 / 25 %	58 W	1.2 %	90.1 %
50 / 50 %	72 W	1.5 %	93.4 %
50 / 100 %	109 W	2.3 %	94.5 %
90 / 50 %	83 W	1.7 %	95.7 %
90 / 100 %	142 W	3.0 %	96.0 %

Temperature Rating

Maximum 40 °C

Información Adicional

Product Main Type

ACS580-01

Product Name

Frequency converter

Clasificaciones

ETIM 7

EC001857 - Frequency converter =< 1 kV

UNSPSC

39122001

Ambiente

SCIP

8105d671-49fa-4c1c-836d-baf56982886a 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 → ACS580-01 - Wall-mounted drive



