

PRODUCT-DETAILS

ACS580-01-012A-2

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



General Information

Global Commercial Alias	ACS580-01-012A-2
Product ID	3AXD50000417377
ABB Type Designation	ACS580-01-012A-2
EAN	6438177591092
Catalog Description	ACS580-01-012A-2 PN: 3.0 kW, IN: 12.0 A

Long Description

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.

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 %

Ordering

Customs Tariff Number	85044084
EAN	6438177591092
Quote Only	No
Made To Order	Yes
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

Container Information

Gross Volume	10.397 dm ³
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Dimensions

Product Net Height	373 mm
Product Net Length	223 mm
Product Net Weight	4.6 kg
Product Net Width	125 mm

Technical

Frequency (f)	50/60 Hz
Input Voltage (U _{in})	200 ... 240 V
Mounting Type	Wall-mounted
Number of Phases	3

Additional Information

Product Main Type	ACS580-01
Product Name	Frequency converter

Classifications

ETIM 7	EC001857 - Frequency converter =< 1 kW
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Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS580-01 - Wall-mounted drive

