

PRODUCT-DETAILS

ACS580-01-106A-4

ACS580-01-106A-4 PN: 55 kW, IN: 106 A



General Information

Global Commercial Alias	ACS580-01-106A-4
Product ID	3AUA0000080503
ABB Type Designation	ACS580-01-106A-4
EAN	6438177305590
Catalog Description	ACS580-01-106A-4 PN: 55 kW, IN: 106 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 %	325 W	0.4 %	92.5 %
0 / 50 %	449 W	0.6 %	94.5 %
0 / 100 %	864 W	1.2 %	94.6 %
50 / 25 %	359 W	0.5 %	95.9 %
50 / 50 %	521 W	0.7 %	96.8 %
50 / 100 %	1023 W	1.4 %	96.9 %
90 / 50 %	606 W	0.8 %	97.9 %
90 / 100 %	1290 W	1.8 %	97.8 %

Ordering

Customs Tariff Number	85044084
EAN	6438177305590
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	36.645 dm ³
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Dimensions

Product Net Height	732 mm
Product Net Length	295 mm
Product Net Weight	28.3 kg
Product Net Width	203 mm

Technical

Frequency (f)	50/60 Hz
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounted
Number of Phases	3
Two Speed Motor	No
Communication Protocol	MODBUS DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems

Additional Information

Product Main Type	ACS580-01
Product Name	Frequency converter

Classifications

Categories

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

