

PRODUCT-DETAILS

ACS580-01-046A-4

ACS580-01-046A-4 PN: 22 kW, IN: 45 A



General Information

Global Commercial Alias	ACS580-01-046A-4
Product ID	3AXD50000038963
ABB Type Designation	ACS580-01-046A-4
EAN	6438177459286
Catalog Description	ACS580-01-046A-4 PN: 22 kW, IN: 45 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 %	194 W	0.6 %	89.5 %
0 / 50 %	254 W	0.8 %	92.6 %
0 / 100 %	454 W	1.5 %	93.3 %
50 / 25 %	210 W	0.7 %	94.2 %
50 / 50 %	285 W	0.9 %	95.9 %
50 / 100 %	529 W	1.7 %	96.2 %
90 / 50 %	322 W	1.0 %	97.4 %
90 / 100 %	667 W	2.1 %	97.3 %

Ordering

Customs Tariff Number	85044084
EAN	6438177459286
Quote Only	No
Made To Order	Yes
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

Dimensions

Product Net Height	490 mm
Product Net Length	229 mm
Product Net Weight	11.8 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
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

ETIM 7	EC001857 - Frequency converter =< 1 kV
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Categories

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

