

PRODUCT-DETAILS

ACS580-01-430A-4+B056

ACS580-01-430A-4+B056 Pn 250 kW I2n 430 A, Protection class IP55, EMC class C2



General Information

Global Commercial Alias	ACS580-01-430A-4+B056
Product ID	3AUA0000083585
ABB Type Designation	ACS580-01-430A-4+B056
EAN	6438177306160
Catalog Description	ACS580-01-430A-4+B056 Pn 250 kW I2n 430 A, Protection class IP55, EMC class C2

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.
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Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1471 W	0.5 %	91.5 %
0 / 50 %	2121 W	0.7 %	93.6 %
0 / 100 %	4032 W	1.4 %	93.9 %
50 / 25 %	1615 W	0.5 %	95.4 %
50 / 50 %	2393 W	0.8 %	96.5 %
50 / 100 %	4676 W	1.6 %	96.5 %
90 / 50 %	2821 W	0.9 %	97.6 %
90 / 100 %	6072 W	2.0 %	97.5 %

Ordering

Customs Tariff Number	85044088
EAN	6438177306160
Quote Only	No
Made To Order	No
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

Dimensions

Product Net Height	1145 mm
Product Net Length	630 mm
Product Net Weight	101 kg
Product Net Width	485 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
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

