

PRODUCT-DETAILS

ACS580-01-018A-2+B056

ACS580-01-018A-2 Pn 4,0 kW, I2n 16,9 A,
Protection class IP55, EMC class C2



General Information

Global Commercial Alias	ACS580-01-018A-2+B056
Product ID	3AXD50000417537
ABB Type Designation	ACS580-01-018A-2+B056
EAN	6438177591351

Catalog Description ACS580-01-018A-2 Pn 4,0 kW, I2n 16,9 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.

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	85 W	1.2 %	81.8 %
0 / 50 %	106 W	1.5 %	87.4 %
0 / 100 %	161 W	2.2 %	89.4 %
50 / 25 %	90 W	1.3 %	89.7 %
50 / 50 %	116 W	1.6 %	92.9 %
50 / 100 %	185 W	2.6 %	93.9 %
90 / 50 %	132 W	1.8 %	95.4 %
90 / 100 %	230 W	3.2 %	95.7 %

Ordering

Customs Tariff Number	85044084
EAN	6438177591351
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	403 mm
Product Net Length	233 mm
Product Net Weight	4.8 kg
Product Net Width	128 mm

Technical

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

Additional Information

Product Name	Frequency converter
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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

