

PRODUCT-DETAILS

ACS580-01-012A-2+B056

ACS580-01-012A-2 Pn 3,0 kW, I_{2n} 12 A,
Protection class IP55, EMC class C2



General Information

Global Commercial Alias	ACS580-01-012A-2+B056
Product ID	3AXD50000417520
ABB Type Designation	ACS580-01-012A-2+B056
EAN	6438177591344
Catalog Description	ACS580-01-012A-2 Pn 3,0 kW, I _{2n} 12 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 %	56 W	1.2 %	81.9 %
0 / 50 %	67 W	1.4 %	87.9 %
0 / 100 %	95 W	2.0 %	90.5 %
50 / 25 %	59 W	1.2 %	89.9 %
50 / 50 %	73 W	1.5 %	93.3 %
50 / 100 %	111 W	2.3 %	94.4 %
90 / 50 %	85 W	1.8 %	95.6 %
90 / 100 %	143 W	3.0 %	96.0 %

Ordering

Customs Tariff Number	85044084
EAN	6438177591344
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
--------------	---------------------

Classifications

ETIM 7	EC001857 - Frequency converter =< 1 kV
--------	--

Categories

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

