

PRODUCT-DETAILS

## ACS580-01-144A-2+B056

ACS580-01-144A-2 Pn 37 kW, I2n 144 A,  
Protection class IP55, EMC class C2



### General Information

Global Commercial Alias	ACS580-01-144A-2+B056
Product ID	3AXD50000417605
ABB Type Designation	ACS580-01-144A-2+B056
EAN	6438177591429
Catalog Description	ACS580-01-144A-2 Pn 37 kW, I2n 144 A, Protection class IP55, EMC class C2

Long Description	<p>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.</p> <p>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.</p>
------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	479 W	0.8 %	86.7 %
0 / 50 %	663 W	1.2 %	90.0 %
0 / 100 %	1213 W	2.1 %	90.7 %
50 / 25 %	522 W	0.9 %	92.6 %
50 / 50 %	747 W	1.3 %	94.4 %
50 / 100 %	1433 W	2.5 %	94.5 %
90 / 50 %	900 W	1.6 %	96.1 %
90 / 100 %	1932 W	3.4 %	95.8 %

## Ordering

Customs Tariff Number	85044084
EAN	6438177591429
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	727 mm
Product Net Length	380 mm
Product Net Weight	43 kg
Product Net Width	252 mm

## Technical

Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	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

