



PRODUCT-DETAILS

# ACS580-01-02A1-4+J429

## ACS580-01-02A1-4+J429, 480VAC, Pn 1 HP, I2LD 2.1A, N1/IP21

General Information	
Global Commercial Alias	ACS580-01-02A1-4+J429
Product ID	3AUA0000222950
ABB Type Designation	ACS580-01-02A1-4+J429
EAN	6438177509301
Catalog Description	ACS580-01-02A1-4+J429, 480VAC, Pn 1 HP, I2LD 2.1A, N1/IP21
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.

Additional Information	
ABB EcoSolutions	Yes
ABB Type Designation	ACS580-01-02A1-4+J429
Circular Design Principles Lifetime	3AXD10001912952
Circular Design Principles Recyclability Rate	90 %
Country of Origin	United States (US)
Customs Tariff Number	85044080
Degree of Protection	IP21
EAN	6438177509301
Enclosure Type NEMA	Type1
End of Life Instructions	3AXD50000153893
Environmental Product Declaration - EPD	3AXD10001912952
Frame Size	R1
Frequency (f)	50/60 Hz
Global Commercial Alias	ACS580-01-02A1-4+J429
Improved Resource Efficiency for Customers	Product Efficiency - Product considered more energy-efficient compared to similar product on market or older products from the same line Process Efficiency - Product contribute to making customer's operations more

	resilient and reliable
	Digital Efficiency - Product is digitally-supported to optimize usage and eventually optimize customer asset
Input Voltage (U <sub>in</sub> )	300 ... 500 V
Invoice Description	ACS580-01-02A1-4+J429, 480VAC, Pn 1 HP, I2LD 2.1A, N1/IP21
Made To Order	No
Minimum Order Quantity	1 piece
Module Function	LV AC general purpose wall-mounted drive
Mounting Type	Cabinet-built
Number of Phases	3
Offered with Extended Lifetime	Lifetime extension of customer's assets is made possible thanks to offering and the supporting services
Order Multiple	1 piece
Package Level 1 Units	1 carton
Product Name	AC Drive
Product Net Depth / Length	8.78 in
Product Net Height	14.69 in
Product Net Weight	4.99 kg
Product Net Width	4.82 in
Product Type	ACS580__Frequency_Converter
Quote Only	No
Rated Input Voltage (UL)	300 ... 500 V
Selling Unit of Measure	piece
Sustainable Material Content	Recycled Metal - 34 %
Sustainable Material Content in Packaging	90 %
UNSPSC	39122001
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)