

PRODUCT-DETAILS

ACS580-01-027A-4+B056

LV AC general purpose wall-mounted drive, UL:
Pld 20 Hp, 27 A (ACS580-01-027A-4+B056)



General Information

Global Commercial Alias	ACS580-01-027A-4+B056
Product ID	3AUA0000204836
ABB Type Designation	ACS580-01-027A-4+B056
EAN	6438177450955
Catalog Description	LV AC general purpose wall-mounted drive, UL: Pld 20 Hp, 27 A (ACS580-01-027A-4+B056)

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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Ordering

Country of Origin	United States (US)
Customs Tariff Number	85044080
Invoice Description	ACS580-01-027A-4+B056, Pld 20HP, I2LD 27A
Made To Order	No

Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	29 lb
Product Net Depth / Length	9.32 in
Product Net Height	20.93 in
Product Net Width	8.16 in
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP55
Enclosure Type NEMA	Type12
Frequency (f)	47 ... 63 Hz
Frame Size	R3
Input Voltage (U _{in})	380 ... 500 V
Mounting Type	Wall-mounting
Apparent Power Output	22 kV·A
Efficiency Level	IE2
Standby Loss	17 W

Complete Drive Module
Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	143 W	0.6 %	89.2 %
0 / 50 %	176 W	0.8 %	92.9 %
0 / 100 %	288 W	1.3 %	94.1 %
50 / 25 %	153 W	0.7 %	94.2 %
50 / 50 %	193 W	0.9 %	96.1 %
50 / 100 %	328 W	1.5 %	96.7 %
90 / 50 %	211 W	0.9 %	97.6 %
90 / 100 %	392 W	1.7 %	97.8 %

Temperature Rating	Maximum 40 °C
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Additional Information

Product Name	AC Drive
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Classifications

UNSPSC	39122001
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Environmental	
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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

