



 PRODUCT-DETAILS

ACS580-01-595A-4+B056

LV AC general purpose wall-mounted drive,
IEC: Pn 315 kW, 595 A, 400 V (ACS580-01-595A-4+B056)



General Information

Global Commercial Alias:	ACS580-01-595A-4+B056
Product ID:	3AXD50001061395
ABB Type Designation:	ACS580-01-595A-4+B056
EAN:	6438177763925
Catalog Description:	LV AC general purpose wall-mounted drive, IEC: Pn 315 kW, 595 A, 400 V (ACS580-01-595A-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.
Display Name:	ACS580-01-595A-4+B056

Ordering

Customs Tariff Number:	85044087
HS Code:	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
Invoice Description:	ACS580-01-595A-4+B056 PN: 315 kW, IN: 595 A
Made To Order:	Yes
Minimum Order Quantity:	1 piece
Order Multiple:	1 piece
Quote Only:	No
Selling Unit of Measure:	piece

Dimensions

Product Net Weight:	189 kg 417 lb
Product Net Depth / Length:	540 mm 21.26 in
Product Net Height:	1130 mm 44.49 in
Product Net Width:	416 mm 16.38 in
Package Level 1 Depth / Length:	679 mm 26.73 in
Package Level 1 Height:	1238 mm 48.74 in
Package Level 1 Width:	600 mm 23.62 in
Package Level 1 Units:	case 1 piece

Technical

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	1715 W	92.8 %	0.4 %
0/50 %	2593 W	94.3 %	0.6 %
0/100 %	4777 W	94.7 %	1.2 %
50/25 %	1834 W	96.2 %	0.4 %
50/50 %	2773 W	97.0 %	0.7 %
50/100 %	5443 W	97.1 %	1.3 %
90/50 %	3174 W	98.1 %	0.8 %
90/100 %	6559 W	98.0 %	1.6 %

Number of Phases:	3-phase
Degree of Protection:	IP55
Enclosure Type NEMA:	Type12
Altitude:	1000 m
Sound dB (A):	75 dB(A)
Frequency (f):	47.5 ... 63 Hz
Frame Size:	R9e
Input Voltage (U_{in}):	380 ... 480 V
Mounting Type:	Wall-mounted
Output Current, Normal Use (I_n):	595 A
Output Current, Light-Overload Use (I_{LD}):	590 A
Output Current, Heavy-Duty Use (I_{HD}):	505 A
Output Power, Normal Use (P_n):	315 kW
Output Power, Light-Overload Use (P_{LD}):	315 kW
Output Power, Heavy-Duty Use (P_{HD}):	250 kW
Apparent Power Output:	367 kV·A
Efficiency Level:	IE2
Standby Loss:	108 W
Temperature Rating:	Maximum 40 °C Minimum -15 °C

Categories

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

