



PRODUCT-DETAILS

ACS580-01-206A-4

LV AC general purpose wall-mounted drive,
IEC: Pn 110 kW, 206 A (ACS580-01-206A-4)



General Information	
Global Commercial Alias	ACS580-01-206A-4
Product ID	3ABD00045439-D
ABB Type Designation	ACS580-01-206A-4
Catalog Description	LV AC general purpose wall-mounted drive, IEC: Pn 110 kW, 206 A (ACS580-01-206A-4)
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. A versatile and straightforward settings menu and assistants enable fast setup, commissioning, use, and maintenance, while a rugged and robust design make 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 an IP21 enclosure as standard. In addition, IP55 and flange mounting units are available.

Ordering	
Customs Tariff Number	85044099
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	ACS580-01-206A-4 PN: 110kW, IN: 206A
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	54 kg
Product Net Depth / Length	370 mm
Product Net Height	880 mm
Product Net Width	284 mm
Package Level 1 Units	0 carton

Technical

Number of Phases	3-phases
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R7
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use (I_n)	206 A
Output Current, Light- Overload Use (I_{LD})	196 A
Output Current, Heavy- Duty Use (I_{HD})	169 A
Output Power, Normal Use (P_n)	110 kW
Output Power, Light- Overload Use (P_{LD})	110 kW
Output Power, Heavy- Duty Use (P_{HD})	90 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (IEC61800-9- 2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	722 W	0.5 %	91.5 %
0 / 50 %	1001 W	0.7 %	93.7 %
0 / 100 %	1797 W	1.3 %	94.2 %
50 / 25 %	793 W	0.6 %	95.3 %
50 / 50 %	1138 W	0.8 %	96.5 %
50 / 100 %	2116 W	1.5 %	96.7 %
90 / 50 %	1345 W	0.9 %	97.6 %
90 / 100 %	2785 W	2.0 %	97.5 %

External Classifications and Standards

UNSPSC	39122001
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Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Categories

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

