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 PRODUCT-DETAILS

## ACS580-01-062A-4

LV AC general purpose wall-mounted drive,  
IEC: Pn 30 kW, 62 A (ACS580-01-062A-4)




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### General Information

Global Commercial Alias	ACS580-01-062A-4
Product ID	3ABD00045433-D
ABB Type Designation	ACS580-01-062A-4
Catalog Description	LV AC general purpose wall-mounted drive, IEC: Pn 30 kW, 62 A (ACS580-01-062A-4)
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. 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.</p>

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### 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	ACS580-01-062A-4 PN: 30kW, IN: 62A
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	20 kg
Product Net Depth / Length	258 mm
Product Net Height	600 mm
Product Net Width	203 mm
Package Level 1 Depth / Length	380 mm
Package Level 1 Height	720 mm
Package Level 1 Width	300 mm
Package Level 1 Units	0 carton

## Technical

Number of Phases	3-phase
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R4
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use ( $I_n$ )	62 A
Output Current, Light-Overload Use ( $I_{LD}$ )	58 A
Output Current, Heavy-Duty Use ( $I_{HD}$ )	44.6 A
Output Power, Normal Use ( $P_n$ )	30 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	30 kW
Output Power, Heavy-Duty Use ( $P_{HD}$ )	22 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	247 W	0.6 %	90.2 %
0 / 50 %	322 W	0.7 %	93.2 %
0 / 100 %	574 W	1.3 %	93.8 %
50 / 25 %	270 W	0.6 %	94.6 %
50 / 50 %	370 W	0.9 %	96.1 %
50 / 100 %	683 W	1.6 %	96.4 %
90 / 50 %	430 W	1.0 %	97.5 %
90 / 100 %	873 W	2.0 %	97.4 %

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### 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

