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 PRODUCT-DETAILS

## ACS580-01-026A-4

### LV AC general purpose wall-mounted drive, IEC: Pn 11 kW, 25 A (ACS580-01-026A-4)




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**General Information**

Global Commercial Alias	ACS580-01-026A-4
Product ID	3ABD50000038960
ABB Type Designation	ACS580-01-026A-4
Catalog Description	LV AC general purpose wall-mounted drive, IEC: Pn 11 kW, 25 A (ACS580-01-026A-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	ACS580-01-026A-4 PN: 11kW, IN: 25A
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	7.5 kg
Product Net Depth / Length	227 mm
Product Net Height	394 mm
Product Net Width	125 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	R2
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Normal Use ( $I_n$ )	25 A
Output Current, Light-Overload Use ( $I_{LD}$ )	23.8 A
Output Current, Heavy-Duty Use ( $I_{HD}$ )	17 A
Output Power, Normal Use ( $P_n$ )	11 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	11 kW
Output Power, Heavy-Duty Use ( $P_{HD}$ )	7.5 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	126 W	0.7 %	87.9 %
0 / 50 %	162 W	0.9 %	91.6 %
0 / 100 %	284 W	1.6 %	92.6 %
50 / 25 %	135 W	0.8 %	93.4 %
50 / 50 %	180 W	1.0 %	95.4 %
50 / 100 %	322 W	1.9 %	95.8 %
90 / 50 %	196 W	1.1 %	97.1 %
90 / 100 %	383 W	2.2 %	97.2 %

## External Classifications and Standards

UNSPSC

39122001

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## Environmental

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

