



PRODUCT-DETAILS

# ACS530-01-025A-4+J400

ACS530-01-025A-4+J400 PN: 11kW, IN: 25A



General Information	
Global Commercial Alias	ACS530-01-025A-4+J400
Product ID	3ABD00046335
ABB Type Designation	ACS530-01-025A-4+J400
Catalog Description	ACS530-01-025A-4+J400 PN: 11kW, IN: 25A
Long Description	The ACS530-01 can control your compressors, conveyors, pumps, centrifuges, fans, and many other variable and simple 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. The basic control panel enable fast setup, commissioning, use, and maintenance, while a rugged and robust design make it a good fit for various environments. The wall-mounted ACS530-01 comes in an IP20 enclosure as standard.

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-01-025A-4+J400 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	2.5 kg
Product Net Depth / Length	207 mm
Product Net Height	220 mm
Product Net Width	172 mm
Package Level 1 Depth / Length	280 mm
Package Level 1 Height	265 mm
Package Level 1 Width	250 mm
Package Level 1 Units	1 carton

## Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	B2
Input Voltage ( $U_{in}$ )	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use ( $I_{LD}$ )	23.8 A
Output Current, Normal Use ( $I_n$ )	25 A
Output Power, Light-Overload Use ( $P_{LD}$ )	11 kW
Output Power, Normal Use ( $P_n$ )	11 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	130 W	0.8 %	87.6 %
0 / 50 %	166 W	1 %	91.4 %
0 / 100 %	290 W	1.7 %	92.4 %
50 / 25 %	138 W	0.8 %	93.3 %
50 / 50 %	182 W	1.1 %	95.3 %
50 / 100 %	331 W	1.9 %	95.7 %
90 / 50 %	207 W	1.2 %	97 %
90 / 100 %	390 W	2.3 %	97.1 %

## Classifications

UNSPSC

39122001

---

### Environmental

WEEE Category

Product Not in WEEE Scope

---

### Additional Information

Product Name

Frequency Converter

---

### Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS530-01 - Wall-mounted drive

