

## PRODUCT-DETAILS

# ACS530-01-046A-4+P974

# ACS530-01-046A-4+P974 PN:22kW, IN:46A



## General Information

Global Commercial Alias	ACS530-01-046A-4+P974
Product ID	3ABD00050021-D
ABB Type Designation	ACS530-01-046A-4+P974
Catalog Description	ACS530-01-046A-4+P974 PN:22kW, IN:46A
Long Description	<p>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.</p> <p>The wall-mounted ACS530-01 comes in an IP20 enclosure as standard.</p>

## Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS530-01-046A-4+P974 PN:22kW, IN:46A
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	14.5 kg
Product Net Depth / Length	228 mm
Product Net Height	490 mm
Product Net Width	203 mm
Package Level 1 Depth / Length	610 mm
Package Level 1 Height	425 mm
Package Level 1 Width	290 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	R3
Input Voltage ( $U_{in}$ )	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use ( $I_{LD}$ )	42.8 A
Output Current, Normal Use ( $I_n$ )	46 A
Output Power, Light-Overload Use ( $P_{LD}$ )	22 kW
Output Power, Normal Use ( $P_n$ )	22 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	196 W	0.6 %	89.4 %
0 / 50 %	258 W	0.8 %	92.5 %
0 / 100 %	465 W	1.5 %	93.2 %
50 / 25 %	213 W	0.7 %	94.2 %
50 / 50 %	290 W	0.9 %	95.8 %
50 / 100 %	545 W	1.7 %	96 %
90 / 50 %	327 W	1 %	97.3 %
90 / 100 %	677 W	2.2 %	97.2 %

## Additional Information

Product Name

Frequency Converter

Classifications	
UNSPSC	39122001

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

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

