

PRODUCT-DETAILS

ACS530-01-03A3-4

ACS530-01-03A3-4 PN: 1.1kW, IN: 3.3A



General Information

Global Commercial Alias	ACS530-01-03A3-4
Product ID	3ABD00039825
ABB Type Designation	ACS530-01-03A3-4
Catalog Description	ACS530-01-03A3-4 PN: 1.1kW, IN: 3.3A

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	ACS530-01-03A3-4 PN: 1.1kW, IN: 3.3A
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	1.6 kg
Product Net Depth / Length	207 mm
Product Net Height	223 mm
Product Net Width	73 mm
Package Level 1 Depth / Length	280 mm
Package Level 1 Height	270 mm
Package Level 1 Width	150 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	R0
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	3.1 A
Output Current, Normal Use (I_n)	3.3 A
Output Power, Light-Overload Use (P_{LD})	1.1 kW
Output Power, Normal Use (P_n)	1.1 kW
Apparent Power Output	2.3 kV·A
Efficiency Level	IE2
Standby Loss	15 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	30 W	1.3 %	80.2 %
0 / 50 %	34 W	1.5 %	87.5 %
0 / 100 %	42 W	1.8 %	91.2 %
50 / 25 %	31 W	1.4 %	89 %
50 / 50 %	35 W	1.5 %	93.3 %
50 / 100 %	46 W	2 %	95.1 %
90 / 50 %	39 W	1.7 %	95.8 %
90 / 100 %	55 W	2.4 %	96.8 %

Temperature Rating Maximum 40 °C

Additional Information

Product Name Frequency Converter

Classifications

UNSPSC 39122001

Environmental

WEEE Category Product Not in WEEE Scope

Categories

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

