

PRODUCT-DETAILS

ACS530-01-033A-4

ACS530-01-033A-4 PN: 15kW, IN: 32A



General Information

Global Commercial Alias	ACS530-01-033A-4
Product ID	3ABD00039911-D
ABB Type Designation	ACS530-01-033A-4
Catalog Description	ACS530-01-033A-4 PN: 15kW, IN: 32A
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	ACS530-01-033A-4 PN: 15kW, IN: 32A
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 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	30.5 A
Output Current, Normal Use (I_n)	33 A
Output Power, Light-Overload Use (P_{LD})	15 kW
Output Power, Normal Use (P_n)	15 kW
Apparent Power Output	22.0 kV·A
Efficiency Level	IE2
Standby Loss	16 W

Complete Drive Module
Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	157 W	0.7 %	88.2 %
0 / 50 %	201 W	0.9 %	91.8 %
0 / 100 %	351 W	1.6 %	92.8 %
50 / 25 %	170 W	0.8 %	93.5 %
50 / 50 %	225 W	1 %	95.5 %
50 / 100 %	406 W	1.8 %	95.9 %
90 / 50 %	248 W	1.1 %	97.2 %
90 / 100 %	492 W	2.2 %	97.2 %

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

