

PRODUCT-DETAILS

ACS530-01-04A0-4

ACS530-01-04A0-4 PN: 1.5kW, IN: 4.0A



General Information

Global Commercial Alias	ACS530-01-04A0-4
Product ID	3ABD00039826
ABB Type Designation	ACS530-01-04A0-4
Catalog Description	ACS530-01-04A0-4 PN: 1.5kW, IN: 4.0A
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	ACS530-01-04A0-4 PN: 1.5kW, IN: 4.0A
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})	3.8 A
Output Current, Normal Use (I_n)	4 A
Output Power, Light-Overload Use (P_{LD})	1.5 kW
Output Power, Normal Use (P_n)	1.5 kW
Apparent Power Output	2.8 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 %	34 W	1.2 %	81 %
0 / 50 %	39 W	1.4 %	87.9 %
0 / 100 %	50 W	1.8 %	91.4 %
50 / 25 %	36 W	1.3 %	89.5 %
50 / 50 %	41 W	1.5 %	93.5 %
50 / 100 %	55 W	2 %	95.2 %
90 / 50 %	44 W	1.6 %	96 %
90 / 100 %	62 W	2.2 %	96.9 %

Temperature RatingMaximum 40 °C

Additional Information

Product NameFrequency Converter

Classifications

UNSPSC39122001

Environmental

WEEE CategoryProduct Not in WEEE Scope

Categories

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

