

PRODUCT-DETAILS

ACS530-01-12A6-4+0J404

ACS530-01-12A6-4+0J404 PN: 5.5kW, IN: 12.6A



General Information

Global Commercial Alias	ACS530-01-12A6-4+0J404
Product ID	3ABD00048770
ABB Type Designation	ACS530-01-12A6-4+0J404
Catalog Description	ACS530-01-12A6-4+0J404 PN: 5.5kW, IN: 12.6A
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	ACS530-01-12A6-4+0J404 PN: 5.5kW, IN: 12.6A
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	1.9 kg
Product Net Depth / Length	207 mm
Product Net Height	223 mm
Product Net Width	97 mm
Package Level 1 Depth / Length	280 mm
Package Level 1 Height	270 mm
Package Level 1 Width	175 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	B1
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	12 A
Output Current, Normal Use (I_n)	12.6 A
Output Power, Light-Overload Use (P_{LD})	5.5 kW
Output Power, Normal Use (P_n)	5.5 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	64 W	0.7 %	87.8 %
0 / 50 %	79 W	0.9 %	91.9 %
0 / 100 %	129 W	1.5 %	93.3 %
50 / 25 %	66 W	0.8 %	93.6 %
50 / 50 %	85 W	1 %	95.6 %
50 / 100 %	144 W	1.7 %	96.3 %
90 / 50 %	94 W	1.1 %	97.3 %
90 / 100 %	165 W	1.9 %	97.6 %

Additional Information

Product NameFrequency Converter

Classifications

UNSPSC39122001

Environmental

WEEE Category5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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



