

PRODUCT-DETAILS

ACS530-01-02A6-4+P974

ACS530-01-02A6-4+P974 PN:0.75kW, IN:2.4A



General Information

| | |
|-------------------------|---|
| Global Commercial Alias | ACS530-01-02A6-4+P974 |
| Product ID | 3ABD00050010-D |
| ABB Type Designation | ACS530-01-02A6-4+P974 |
| Catalog Description | ACS530-01-02A6-4+P974 PN:0.75kW, IN:2.4A |
| 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 | ACS530-01-02A6-4+P974 PN:0.75kW, IN:2.4A |
| 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 | 203 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 ... 500 V |
| Mounting Type | Wall-mounted_NO UNIT\$ |
| Output Current, Light-Overload Use (I_{LD}) | 2.5 A |
| Output Current, Normal Use (I_n) | 2.6 A |
| Output Power, Light-Overload Use (P_{LD}) | 0.75 kW |
| Output Power, Normal Use (P_n) | 0.75 kW |
| Efficiency Level | IE2 |
| Complete Drive Module Efficiency (61800-9-2) | |

| Operating Point Frequency / Current | Absolute Loss | Relative Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 % | 27 W | 1.5 % | 78.2 % |
| 0 / 50 % | 29 W | 1.6 % | 86.3 % |
| 0 / 100 % | 35 W | 1.9 % | 90.8 % |
| 50 / 25 % | 28 W | 1.5 % | 87.8 % |
| 50 / 50 % | 31 W | 1.7 % | 92.5 % |
| 50 / 100 % | 38 W | 2.1 % | 94.9 % |
| 90 / 50 % | 33 W | 1.8 % | 95.5 % |
| 90 / 100 % | 44 W | 2.5 % | 96.7 % |

Additional Information

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|--------------|---------------------|
| Product Name | Frequency Converter |
|--------------|---------------------|

Classifications

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| UNSPSC | 39122001 |
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Environmental

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|---------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
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Categories

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



