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 PRODUCT-DETAILS

## ACS560-01-106A-4

### ACS560-01-106A-4 PN: 55 kW, IN: 106 A




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**General Information**

|                                 |                                       |
|---------------------------------|---------------------------------------|
| <b>Global Commercial Alias:</b> | ACS560-01-106A-4                      |
| <b>Product ID:</b>              | 3AXD50000047655                       |
| <b>ABB Type Designation:</b>    | ACS560-01-106A-4                      |
| <b>Catalog Description:</b>     | ACS560-01-106A-4 PN: 55 kW, IN: 106 A |
| <b>Display Name:</b>            | ACS560-01-106A-4                      |

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**Ordering**

|                                |                                                                                                                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Customs Tariff Number:</b>  | 850440                                                                                                                                                                                                                                                                                                 |
| <b>HS Code:</b>                | 850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters |
| <b>Invoice Description:</b>    | ACS560-01-106A-4 PN: 55 kW, IN: 106 A                                                                                                                                                                                                                                                                  |
| <b>Made To Order:</b>          | Yes                                                                                                                                                                                                                                                                                                    |
| <b>Minimum Order Quantity:</b> | 1 piece                                                                                                                                                                                                                                                                                                |
| <b>Order Multiple:</b>         | 1 piece                                                                                                                                                                                                                                                                                                |
| <b>Quote Only:</b>             | No                                                                                                                                                                                                                                                                                                     |

Selling Unit of Measure: piece

## Dimensions

|                                 |                      |
|---------------------------------|----------------------|
| Product Net Weight:             | 28.3 kg<br>62.391 lb |
| Product Net Depth / Length:     | 296 mm               |
| Product Net Height:             | 719 mm               |
| Product Net Width:              | 203 mm               |
| Package Level 1 Depth / Length: | 295 mm<br>11.614 in  |
| Package Level 1 Height:         | 596 mm<br>23.465 in  |
| Package Level 1 Width:          | 203 mm<br>7.992 in   |

## Technical

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Efficiency | Relative<br>Loss |
|----------------------------------------|------------------|------------|------------------|
| 0/25 %                                 | 325 W            | 92.5 %     | 0.4 %            |
| 0/50 %                                 | 449 W            | 94.5 %     | 0.6 %            |
| 0/100 %                                | 864 W            | 94.6 %     | 1.2 %            |
| 50/25 %                                | 359 W            | 95.9 %     | 0.5 %            |
| 50/50 %                                | 521 W            | 96.8 %     | 0.7 %            |
| 50/100 %                               | 1023 W           | 96.9 %     | 1.4 %            |
| 90/50 %                                | 606 W            | 97.9 %     | 0.8 %            |
| 90/100 %                               | 1290 W           | 97.8 %     | 1.8 %            |

|                                                        |               |
|--------------------------------------------------------|---------------|
| Number of Phases:                                      | 3-phase       |
| Degree of Protection:                                  | IP20          |
| Enclosure Type NEMA:                                   | Open Type     |
| Altitude:                                              | 1000 m        |
| Frequency (f):                                         | 47 ... 63 Hz  |
| Frame Size:                                            | R5            |
| Input Voltage (U <sub>in</sub> ):                      | 380 ... 480 V |
| Mounting Type:                                         | Wall-mounted  |
| Output Current, Normal Use (I <sub>n</sub> ):          | 106 A         |
| Output Current, Light-Overload Use (I <sub>LD</sub> ): | 100 A         |
| Output Current, Heavy-Duty Use (I <sub>HD</sub> ):     | 87 A          |
| Output Power, Normal Use (P <sub>n</sub> ):            | 55 kW         |

|                                                |               |
|------------------------------------------------|---------------|
| Output Power, Light-Overload Use ( $P_{LD}$ ): | 55 kW         |
| Output Power, Heavy-Duty Use ( $P_{HD}$ ):     | 45 kW         |
| Apparent Power Output:                         | 73 kV-A       |
| Efficiency Level:                              | IE2           |
| Standby Loss:                                  | 24 W          |
| Temperature Rating:                            | Maximum 40 °C |

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## Environmental

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| WEEE Category: | 4. Large Equipment (Any External Dimension More Than 50 cm) |
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## External Classifications and Standards

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| UNSPSC: | 39122001 |
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## Categories

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Products > Drives > Low Voltage AC Drives > General Purpose Drives > ACS560-01 - Wall-mounted drive

