

## PRODUCT-DETAILS

# ACS510-01-05A6-4

# ACS510-01-05A6-4,5.6A,380V,IP21



### General Information

|                         |                                 |
|-------------------------|---------------------------------|
| Global Commercial Alias | ACS510-01-05A6-4                |
| Product ID              | 3ABD00015743-D                  |
| ABB Type Designation    | ACS510-01-05A6-4                |
| Catalog Description     | ACS510-01-05A6-4,5.6A,380V,IP21 |
| Long Description        | ACS510-01-05A6-4,5.6A,380V,IP21 |

### Ordering

|                         |                                 |
|-------------------------|---------------------------------|
| Country of Origin       | China (CN)                      |
| Customs Tariff Number   | 85044099                        |
| Invoice Description     | ACS510-01-05A6-4,5.6A,380V,IP21 |
| Made To Order           | No                              |
| Minimum Order Quantity  | 1 piece                         |
| Order Multiple          | 1 piece                         |
| Quote Only              | No                              |
| Selling Unit of Measure | piece                           |

### Container Information

|              |        |
|--------------|--------|
| Gross Volume | 10 dm³ |
|--------------|--------|

|                                |          |
|--------------------------------|----------|
| Dimensions                     |          |
| Product Net Weight             | 6.1 kg   |
| Product Net Depth / Length     | 465 mm   |
| Product Net Height             | 365 mm   |
| Product Net Width              | 225 mm   |
| Package Level 1 Depth / Length | 490 mm   |
| Package Level 1 Height         | 400 mm   |
| Package Level 1 Width          | 240 mm   |
| Package Level 1 Units          | 1 carton |

|  |                        |
|--|------------------------|
| Technical                                    |                        |
| Number of Phases                             | 3                      |
| Degree of Protection                         | IP21                   |
| Enclosure Type NEMA                          | Type1                  |
| Frequency (f)                                | 47.5 ... 63 Hz         |
| Frame Size                                   | R1                     |
| Input Voltage (U <sub>in</sub> )             | 380 ... 480 V          |
| Mounting Type                                | Wall-mounted_NO UNIT\$ |
| Output Current, Normal Use (I <sub>n</sub> ) | 5.6 A                  |
| Output Power, Normal Use (P <sub>n</sub> )   | 2.2 kW                 |
| Apparent Power Output                        | 3.9 kV·A               |
| Efficiency Level                             | IE2                    |
| Standby Loss                                 | 11 W                   |
| Complete Drive Module Efficiency (61800-9-2) |                        |

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 %                               | 42 W             | 1.1 %            | 83.1 %     |
| 0 / 50 %                               | 46 W             | 1.2 %            | 89.6 %     |
| 0 / 100 %                              | 57 W             | 1.5 %            | 92.8 %     |
| 50 / 25 %                              | 43 W             | 1.1 %            | 90.8 %     |
| 50 / 50 %                              | 49 W             | 1.3 %            | 94.4 %     |
| 50 / 100 %                             | 63 W             | 1.6 %            | 96 %       |
| 90 / 50 %                              | 52 W             | 1.4 %            | 96.6 %     |
| 90 / 100 %                             | 69 W             | 1.8 %            | 97.5 %     |

|                    |       |
|--------------------|-------|
| Temperature Rating | 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 → ACS510 - Wall-mounted drive

