

PRODUCT-DETAILS

ACS550-01-290A-4+C135

ACS550-01-290A-4+C135,290A,380V,IP21,for  
flange mounting, not including mounting set



General Information

|                         |  |
|-------------------------|--|
| Global Commercial Alias | ACS550-01-290A-4+C135  |
| Product ID              | 3ABD00027112   |
| ABB Type Designation    | ACS550-01-290A-4+C135  |
| Catalog Description     | ACS550-01-290A-4+C135,290A,380V,IP21,for flange mounting, not including mounting set |
| Long Description        | ACS550-01-290A-4+C135,290A,380V,IP21,for flange mounting, not including mounting set |

Ordering

|                         |  |
|-------------------------|--|
| Country of Origin       | China (CN)   |
| Customs Tariff Number   | 85044099   |
| Invoice Description     | ACS550-01-290A-4+C135,290A,380V,IP21,for flange mounting, not including mounting set |
| 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             | 45 kg    |
| Product Net Depth / Length     | 814 mm   |
| Product Net Height             | 306 mm   |
| Product Net Width              | 315 mm   |
| Package Level 1 Depth / Length | 970 mm   |
| Package Level 1 Height         | 560 mm   |
| Package Level 1 Width          | 370 mm   |
| Package Level 1 Units          | 0 carton |

| Technical                                    |                        |
|--|------------------------|
| Number of Phases                             | 3                      |
| Degree of Protection                         | IP21                   |
| Enclosure Type NEMA                          | Type1                  |
| Frequency (f)                                | 47.5 ... 63 Hz         |
| Frame Size                                   | R6                     |
| Input Voltage ( $U_{in}$ )                   | 380 ... 500 V          |
| Mounting Type                                | Wall-mounted_NO UNIT\$ |
| Output Current, Heavy-Duty Use ( $I_{HD}$ )  | 246 A                  |
| Output Current, Normal Use ( $I_n$ )         | 290 A                  |
| Output Power, Heavy-Duty Use ( $P_{HD}$ )    | 132 kW                 |
| Output Power, Normal Use ( $P_n$ )           | 160 kW                 |
| Efficiency Level                             | IE2                    |
| Complete Drive Module Efficiency (61800-9-2) |                        |

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 %                               | 902 W            | 0.4 %            | 92.4 %     |
| 0 / 50 %                               | 1337 W           | 0.7 %            | 94.0 %     |
| 0 / 100 %                              | 2374 W           | 1.2 %            | 94.6 %     |
| 50 / 25 %                              | 1027 W           | 0.5 %            | 95.7 %     |
| 50 / 50 %                              | 1595 W           | 0.8 %            | 96.5 %     |
| 50 / 100 %                             | 2951 W           | 1.5 %            | 96.7 %     |
| 90 / 50 %                              | 1979 W           | 1.0 %            | 97.5 %     |
| 90 / 100 %                             | 3847 W           | 1.9 %            | 97.6 %     |

| Additional Information |                     |
|------------------------|---------------------|
| Product Name           | Frequency Converter |

| Classifications |  |
|-----------------|--|
|-----------------|--|

UNSPSC

39122001

Environmental

WEEE Category

4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → Legacy AC Drives → ACS550-01 - Wall-mounted drive

