

PRODUCT-DETAILS

ACS880-37-0510A-7

ACS880-37-0510A-7 PN: 500 kW, IN: 510 A



General Information

| | |
|-------------------------|---|
| Global Commercial Alias | ACS880-37-0510A-7 |
| Product ID | 3AXD50001057657 |
| ABB Type Designation | ACS880-37-0510A-7 |
| Catalog Description | ACS880-37-0510A-7 PN: 500 kW, IN: 510 A |

Ordering

| | |
|-------------------------|---|
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85044085 |
| Invoice Description | ACS880-37-0510A-7 PN: 500 kW, IN: 510 A |
| Made To Order | Yes |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Quote Only | No |
| Selling Unit of Measure | piece |

Dimensions

| | |
|----------------------------|--------------------|
| Product Net Weight | 1180 kg 2601 lb |
| Product Net Depth / Length | 698 mm 27.48 in |

| | |
|--------------------------------|---------------------|
| Product Net Height | 2145 mm 84.45 in |
| Product Net Width | 1230 mm 48.43 in |
| Package Level 1 Depth / Length | 1100 mm 43.31 in |
| Package Level 1 Height | 2373 mm 93.43 in |
| Package Level 1 Width | 1444 mm 56.85 in |

Technical

| | |
|---|--|
| Number of Phases | 3 |
| Degree of Protection | IP22 |
| Enclosure Type NEMA | Type1 |
| Altitude | 1000 m 5 ... 95 |
| Multiple Battery Information | Lithium Coin, BR2032, 2pcs, 3V, 200mAh, 3g |
| Frequency (f) | 48 ... 63 Hz |
| Frame Size | R8i+R8i |
| Input Voltage (U _{in}) | 525 ... 690 V |
| Number of Digital In/Outputs | / |
| Output Current, Heavy-Duty Use (I _{HD}) | 381 A |
| Output Current, Light-Overload Use (I _{LD}) | 490 A |
| Output Current, Normal Use (I _n) | 510 A |
| Output Power, Heavy-Duty Use (P _{HD}) | 355 kW |
| Output Power, Light-Overload Use (P _{LD}) | 500 kW |
| Output Power, Normal Use (P _n) | 500 kW |
| Complete Drive Module Efficiency (61800-9-2) | |

| Operating Point Frequency / Current |
|--|
| 0/25 % |
| 0/50 % |
| 0/100 % |
| 50/25 % |
| 50/50 % |
| 50/100 % |
| 90/50 % |
| 90/100 % |

Additional Information

| | |
|-------------------|---------------------|
| Product Main Type | ACS880-37 |
| Product Name | Frequency converter |

| Environmental | |
|---------------|---|
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

| Categories |
|---|
| Drives → Low Voltage AC Drives → Industrial Drives → ACS880 single drives → ACS880-37 - Cabinet-built low harmonic single drive |

