

PRODUCT-DETAILS

ACS880-37-0206A-3

ACS880-37-0206A-3 PN: 110 kW, IN: 206 A



General Information

| | |
|-------------------------|---|
| Global Commercial Alias | ACS880-37-0206A-3 |
| Product ID | 3AXD50000158089 |
| ABB Type Designation | ACS880-37-0206A-3 |
| Catalog Description | ACS880-37-0206A-3 PN: 110 kW, IN: 206 A |

Ordering

| | |
|-------------------------|---|
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85044085 |
| Invoice Description | ACS880-37-0206A-3 PN: 110 kW, IN: 206 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 | 320 kg 705 lb |
|--------------------|------------------|

| | |
|--------------------------------|---------------------|
| Product Net Depth / Length | 673 mm 26.50 in |
| Product Net Height | 2145 mm 84.45 in |
| Product Net Width | 430 mm 16.93 in |
| Package Level 1 Depth / Length | 1100 mm 43.31 in |
| Package Level 1 Height | 2385 mm 93.90 in |
| Package Level 1 Width | 1144 mm 45.04 in |

Technical

| | |
|---|--|
| Number of Phases | 3 |
| Degree of Protection | IP22 |
| Enclosure Type NEMA | Type1 |
| Altitude | 1000 m 5 ... 95 |
| Power Factor | 1 |
| Sound dB (A) | 70 dB(A) |
| Multiple Battery Information | Lithium Coin, CR2032, 2pcs, 3V, 220mAh, 6g |
| Frequency (f) | 48 ... 63 Hz |
| Frame Size | R8 |
| Input Voltage (U_{in}) | 380 ... 415 V |
| Communication Protocol | CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIsafe PROFIBUS PROFINET IO TCP/IP |
| Number of Hardware Interfaces | Industrial Ethernet 0 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1 |
| Includes | Control unit PC connection |
| Analog Inputs | 2 |
| Analog Outputs | 2 |
| Number of Digital In/Outputs | 7 / 5 |
| Output Current, Heavy-Duty Use (I_{HD}) | 169 A |
| Output Current, Light-Overload Use (I_{LD}) | 196 A |
| Output Current, Normal Use (I_n) | 206 A |
| Output Power, Heavy-Duty Use (P_{HD}) | 90 kW |

| | |
|---|----------|
| Output Power, Light-Overload Use (P_{LD}) | 110 kW |
| Output Power, Normal Use (P_n) | 110 kW |
| Apparent Power Output | 143 kV·A |
| 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 % |

| | |
|---------------------|--|
| Temperature Rating | Maximum 40 °C Minimum 0 °C |
| Ecodesign Exemption | Energy efficiency data is not provided for the drive. The low-harmonic drives are exempt from the EU ecodesign requirements (Regulation EU/2019/1781, §2.3.d). |

Additional Information

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

Classifications

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|--------|--|
| ETIM 8 | EC001857 - Frequency converter =< 1 kV |
| UNSPSC | 39122001 |

Environmental

| | |
|---------------|---|
| SCIP | 9ECED1FE-316A-4BF4-991E-2606BB5FE13A Finland (FI) |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

