

PRODUCT-DETAILS

ACS880-M04-044A-5

ACS880-M04-044A-5 PN: 22 kW, IN: 44 A



General Information

| | |
|-------------------------|---------------------------------------|
| Global Commercial Alias | ACS880-M04-044A-5 |
| Product ID | 3AXD50000036411 |
| ABB Type Designation | ACS880-M04-044A-5 |
| Catalog Description | ACS880-M04-044A-5 PN: 22 kW, IN: 44 A |

Ordering

| | |
|-------------------------|---------------------------------------|
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85044085 |
| Invoice Description | ACS880-M04-044A-5 PN: 22 kW, IN: 44 A |
| Made To Order | Yes |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Quote Only | No |
| Selling Unit of Measure | piece |

Container Information

| | |
|--------------|------------------------|
| Gross Volume | 34.735 dm ³ |
|--------------|------------------------|

| Dimensions | |
|--------------------------------|-----------------------|
| Product Net Weight | 15.8 kg 34.833 lb |
| Product Net Depth / Length | 318 mm 12.520 in |
| Product Net Height | 658.0 mm 25.906 in |
| Product Net Width | 166 mm 6.535 in |
| Package Level 1 Depth / Length | 700 mm 27.559 in |
| Package Level 1 Height | 360 mm 14.173 in |
| Package Level 1 Width | 260 mm 10.236 in |

| Technical | |
|---|---|
| Number of Phases | 3 |
| Degree of Protection | IP20 |
| Enclosure Type NEMA | Open Type |
| Altitude | 1000 m |
| Power Factor | 0.98 |
| Sound dB (A) | 71 dB(A) |
| Frequency (f) | 47.5 ... 63 Hz |
| Frame Size | R3 |
| Input Voltage (U _{in}) | 380 ... 500 V |
| Mounting Type | Module for cabinet building |
| Communication Protocol | CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIsafe PROFIBUS PROFINET IO TCP/IP |
| Number of Hardware Interfaces | Industrial Ethernet 0 Other 3 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 0 |
| Includes | PC connection |
| Analog Inputs | 2 |
| Analog Outputs | 2 |
| Number of Digital In/Outputs | 6 / 5 |
| Output Current, Heavy-Duty Use (I _{HD}) | 35 A |
| Output Current, Light-Overload Use (I _{LD}) | 41 A |
| Output Current, Normal Use (I _n) | 44 A |

| | |
|---|---------|
| Output Power, Heavy-Duty Use (P_{HD}) | 18.5 kW |
| Output Power, Light-Overload Use (P_{LD}) | 22 kW |
| Output Power, Normal Use (P_n) | 22 kW |
| Apparent Power Output | 30 kV-A |
| Efficiency Level | IE2 |
| Standby Loss | 34 W |
| Complete Drive Module Efficiency (61800-9-2) | |

| Operating Point Frequency / Current | Absolute Loss | Efficiency | Relative Loss |
|--|------------------|------------|------------------|
| 0/25 % | 190 W | 89.5 % | 0.6 % |
| 0/50 % | 246 W | 92.7 % | 0.8 % |
| 0/100 % | 414 W | 93.8 % | 1.4 % |
| 50/25 % | 201 W | 94.3 % | 0.7 % |
| 50/50 % | 272 W | 96.0 % | 0.9 % |
| 50/100 % | 486 W | 96.4 % | 1.6 % |
| 90/50 % | 313 W | 97.4 % | 1.0 % |
| 90/100 % | 587 W | 97.5 % | 1.9 % |

| | |
|--------------------|---------------|
| Temperature Rating | Maximum 40 °C |
|--------------------|---------------|

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|------------------------|---------------------|
| Additional Information | |
| Product Main Type | ACS880-M04 |
| Product Name | Frequency converter |

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|-----------------|----------|
| Classifications | |
| UNSPSC | 39122001 |

| | |
|---------------|---|
| Environmental | |
| SCIP | 056afa37-4c9d-45a8-b6fa-8011be013b84 Finland (FI) |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

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|------------|--|
| Categories | |
|------------|--|

Drives → Low Voltage AC Drives → Machinery Drives → ACS880-M04 - Machinery Drive

