

PRODUCT-DETAILS

ACS480-04-026A-4

ACS480-04-026A-4 PN: 11.0 kW, IN: 25 A



General Information

| | |
|-------------------------|--|
| Global Commercial Alias | ACS480-04-026A-4 |
| Product ID | 3AXD50000047793 |
| ABB Type Designation | ACS480-04-026A-4 |
| EAN | 6438177459019 |
| Catalog Description | ACS480-04-026A-4 PN: 11.0 kW, IN: 25 A |

Long Description

The ACS480 is a ready-made and capable package for many applications, such as compressors, fan and conveyors, in a variety of light industries, including food and beverage, logistics and warehousing, water and wastewater, and agriculture. It has all essential features built-in as standard, simplifying drive selection, and making additional hardware unnecessary. Straightforward settings menu and assistants enable fast setup, commissioning, use and maintenance. It's a great fit for variable torque and basic speed applications, where you can leverage a compact, cabinet-optimized design for a cost-effective and efficient solution.

Ordering

| | |
|------------------------|--|
| Country of Origin | China (CN) Finland (FI) |
| Customs Tariff Number | 85044084 |
| Invoice Description | ACS480-04-026A-4 PN: 11.0 kW, IN: 25 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 | 7.823 dm ³ |
|--------------|-----------------------|

Dimensions

| | |
|--------------------------------|----------|
| Product Net Weight | 3.3 kg |
| Product Net Depth / Length | 207.1 mm |
| Product Net Height | 220 mm |
| Product Net Width | 171.7 mm |
| Package Level 1 Depth / Length | 284 mm |
| Package Level 1 Height | 273 mm |
| Package Level 1 Width | 250 mm |
| Package Level 1 Units | 1 carton |

Technical

| | |
|----------------------------------|---|
| Number of Phases | 3 |
| Degree of Protection | acc. to IEC 60529 IP20 |
| Enclosure Type NEMA | Open Type |
| Sound dB (A) | 65.80 dB(A) |
| Frequency (f) | 47 ... 63 Hz |
| Input Voltage (U _{in}) | 380 ... 480 V |
| Mounting Type | Module for cabinet building |
| Communication Protocol | MODBUS DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems |
| Number of Hardware Interfaces | Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1 Parallel 0 Other 2 |
| Includes | With control unit Without optical interface With PC connection |
| Analog Inputs | 2 |
| Analog Outputs | 2 |
| Number of Digital In/Outputs | 6 / 3 |

| | |
|------------------------------------|---------|
| Output Current, Heavy-Duty Use | 17.0 A |
| Output Current, Light-Overload Use | 23.8 A |
| Output Current, Normal Use | 25.0 A |
| Output Power, Heavy-Duty Use | 7.5 kW |
| Output Power, Light-Overload Use | 11.0 kW |
| Output Power, Normal Use | 11.0 kW |
| Apparent Power Output | 17 kV·A |
| Efficiency Level | IE2 |
| Standby Loss | 26 W |

Complete Drive Module
Efficiency (61800-9-2)

| Operating Point Frequency / Current | Absolute Loss | Efficiency | Relative Loss |
|--|------------------|------------|------------------|
| 0/25 % | 130 W | 87.6 % | 0.8 % |
| 0/50 % | 166 W | 91.4 % | 1.0 % |
| 0/100 % | 290 W | 92.4 % | 1.7 % |
| 50/25 % | 138 W | 93.3 % | 0.8 % |
| 50/50 % | 182 W | 95.3 % | 1.1 % |
| 50/100 % | 331 W | 95.7 % | 1.9 % |
| 90/50 % | 207 W | 97.0 % | 1.2 % |
| 90/100 % | 390 W | 97.1 % | 2.3 % |

Temperature Rating Maximum 50 °C

Additional Information

| | |
|-------------------|---------------------|
| Product Main Type | ACS480-04 |
| Product Name | Frequency converter |

Classifications

| | |
|--------|--|
| ETIM 7 | EC001857 - Frequency converter =< 1 kV |
| UNSPSC | 39122001 |

Environmental

| | |
|---------------|--|
| SCIP | d47e4459-83a3-4590-a72e-d9674f7109ad Finland (FI) |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS480-04 - Drive module

