

PRODUCT-DETAILS

ACS480-04-018A-4

ACS480-04-018A-4 PN: 7.5 kW, IN: 17.0 A



Información General

| | |
|-------------------------|---|
| Global Commercial Alias | ACS480-04-018A-4 |
| Código de producto | 3AXD50000047792 |
| ABB Type Designation | ACS480-04-018A-4 |
| EAN | 6438177459002 |
| Descripción corta | ACS480-04-018A-4 PN: 7.5 kW, IN: 17.0 A |

| | |
|-------------------|---|
| Descripción larga | <p>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.</p> |
|-------------------|---|

Clasificación

| | |
|---------------------------|---|
| Country of Origin | China (CN) Finland (FI) |
| Código arancelario | 85044084 |
| Invoice Description | ACS480-04-018A-4 PN: 7.5 kW, IN: 17.0 A |
| Made To Order | Yes |
| Cantidad mínima de pedido | 1 piece |

| | |
|-------------------------|---------|
| Order Multiple | 1 piece |
| Quote Only | No |
| Selling Unit of Measure | piece |

Información de Embalaje

| | |
|--------------|-----------------------|
| Gross Volume | 7.823 dm ³ |
|--------------|-----------------------|

Dimensiones

| | |
|---------------------------|----------|
| Peso del product | 3.3 kg |
| Largo del product | 207.1 mm |
| Alto del producto | 220 mm |
| Ancho del product | 171.7 mm |
| Embalaje Nivel 1 Largo | 284 mm |
| Embalaje Nivel 1 Alto | 273 mm |
| Embalaje Nivel 1 Ancho | 250 mm |
| Embalaje Nivel 1 Unidades | 1 carton |

Technical

| | |
|----------------------------------|---|
| Number of Phases | 3 |
| Grado de protección | 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 | 12.6 A |
| Output Current, Light-Overload Use | 16.2 A |
| Output Current, Normal Use | 17.0 A |
| Output Power, Heavy-Duty Use | 5.5 kW |
| Output Power, Light-Overload Use | 7.5 kW |
| Output Power, Normal Use | 7.5 kW |
| Apparent Power Output | 12 kV·A |
| Efficiency Level | IE2 |
| Standby Loss | 25 W |

Complete Drive Module
Efficiency (61800-9-2)

| Operating Point Frequency / Current | Absolute Loss | Efficiency | Relative Loss |
|--|------------------|------------|------------------|
| 0/25 % | 91 W | 87.3 % | 0.8 % |
| 0/50 % | 114 W | 91.3 % | 1.0 % |
| 0/100 % | 193 W | 92.6 % | 1.6 % |
| 50/25 % | 96 W | 93.1 % | 0.8 % |
| 50/50 % | 125 W | 95.3 % | 1.1 % |
| 50/100 % | 220 W | 95.8 % | 1.9 % |
| 90/50 % | 141 W | 97.0 % | 1.2 % |
| 90/100 % | 259 W | 97.2 % | 2.2 % |

Temperature Rating Maximum 50 °C

Información Adicional

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

Clasificaciones

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

Ambiente

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

Categorías

Convertidores de frecuencia → Convertidores de frecuencia de baja tensión de CA → Convertidores de frecuencia de propósito general
ABB → ACS480-04 - Drive module

