
PRODUCT-DETAILS

ACS580-01-047A-2+B056

ACS580-01-047A-2 Pn 11 kW, I2n 46,7 A,
Protection class IP55, EMC class C2



General Information

| | |
|-------------------------|--|
| Global Commercial Alias | ACS580-01-047A-2+B056 |
| Product ID | 3AXD50000417568 |
| ABB Type Designation | ACS580-01-047A-2+B056 |
| EAN | 6438177591382 |
| Catalog Description | ACS580-01-047A-2 Pn 11 kW, I2n 46,7 A, Protection class IP55, EMC class C2 |

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|------------------|--|
| Long Description | <p>The ACS580-01 is plug-in ready to control your compressors, conveyors, pumps, extruders, centrifuges, mixers, fans and many other variable and constant torque applications, in a variety of light industries, including food and beverage, plastic, textile, material handling, and agriculture.</p> <p>All essential features are built-in as standard, simplifying drive selection, and making additional hardware unnecessary. Versatile and straightforward settings menu and assistants enable fast setup, commissioning, use and maintenance, while rugged and robust design makes it a good fit for various environments. With the ACS580 drives you can easily take full control of your processes to comprehensively manage your plant. The wall-mounted ACS580-01 comes in IP21 enclosure as standard. Also, IP55 and flange mounting units are available.</p> |
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Complete Drive Module Efficiency (61800-9-2)

| Operating Point Frequency / Current | Absolute Loss | Relative Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 % | 164 W | 0.9 % | 85.7 % |
| 0 / 50 % | 207 W | 1.1 % | 90.2 % |
| 0 / 100 % | 346 W | 1.9 % | 91.6 % |
| 50 / 25 % | 177 W | 1.0 % | 92.0 % |
| 50 / 50 % | 232 W | 1.2 % | 94.5 % |
| 50 / 100 % | 410 W | 2.2 % | 95.1 % |
| 90 / 50 % | 267 W | 1.4 % | 96.4 % |
| 90 / 100 % | 533 W | 2.9 % | 96.4 % |

Ordering

| | |
|-------------------------|---------------|
| Customs Tariff Number | 85044084 |
| EAN | 6438177591382 |
| Quote Only | No |
| Made To Order | No |
| Selling Unit of Measure | piece |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |

Dimensions

| | |
|--------------------|--------|
| Product Net Height | 456 mm |
| Product Net Length | 237 mm |
| Product Net Weight | 13 kg |
| Product Net Width | 206 mm |

Technical

| | |
|----------------------------------|---------------|
| Frequency (f) | 50/60 Hz |
| Input Voltage (U _{in}) | 200 ... 240 V |
| Number of Phases | 3 |

Additional Information

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|--------------|---------------------|
| Product Name | Frequency converter |
|--------------|---------------------|

Classifications

| | |
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| ETIM 7 | EC001857 - Frequency converter =< 1 kV |
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Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS580-01 - Wall-mounted drive

