

PRODUCT-DETAILS

ACS580-01-026A-4

ACS580-01-026A-4 PN: 11.0 kW, IN: 25 A



General Information

| | |
|-------------------------|--|
| Global Commercial Alias | ACS580-01-026A-4 |
| Product ID | 3AXD50000038960 |
| ABB Type Designation | ACS580-01-026A-4 |
| EAN | 6438177459255 |
| Catalog Description | ACS580-01-026A-4 PN: 11.0 kW, IN: 25 A |

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.

Long Description

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.

Ordering

| | |
|------------------------|--|
| Country of Origin | Romania (RO) Finland (FI) China (CN) |
| Customs Tariff Number | 85044086 |
| Invoice Description | ACS580-01-026A-4 PN: 11.0 kW, IN: 25 A |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |

| | |
|-------------------------|-------|
| Quote Only | No |
| Selling Unit of Measure | piece |

Container Information

| | |
|--------------|-----------------------|
| Gross Volume | 13.54 dm ³ |
|--------------|-----------------------|

Dimensions

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|-----------------------------------|------------------------|
| Product Net Weight | 6.6 kg 14.551 lb |
| Product Net Depth / Length | 229 mm 9.016 in |
| Product Net Height | 473 mm 18.622 in |
| Product Net Width | 125 mm 4.921 in |
| Package Level 1 Depth / Length | 225.00 mm 8.858 in |
| Package Level 1 Height | 370.00 mm 14.567 in |
| Package Level 1 Width | 621.00 mm 24.449 in |
| Package Level 1 Units | 1 carton |

Technical

| | |
|---|---|
| Number of Phases | 3 |
| Degree of Protection | IP21 |
| Enclosure Type NEMA | Type1 |
| Altitude | 1000 m 95 |
| Sound dB (A) | 64 dB(A) |
| Multiple Battery Information | Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g |
| Frequency (f) | 47.5 ... 63 Hz |
| Frame Size | R2 |
| Input Voltage (U _{in}) | 380 ... 480 V |
| Mounting Type | Wall-mounted |
| Communication Protocol | CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIBUS PROFINET IO TCP/IP |
| Number of Hardware Interfaces | Industrial Ethernet 0 Other 2 Parallel 2 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 | 6 / 3 |
| Output Current, Heavy- Duty Use (I _{HD}) | 17.0 A |

| | |
|---|---------|
| Output Current, Light-Overload Use (I_{LD}) | 23.8 A |
| Output Current, Normal Use (I_n) | 25 A |
| Output Power, Heavy-Duty Use (P_{HD}) | 7.5 kW |
| Output Power, Light-Overload Use (P_{LD}) | 11.0 kW |
| Output Power, Normal Use (P_n) | 11 kW |
| Apparent Power Output | 17 kV·A |
| Efficiency Level | IE2 |
| Standby Loss | 15 W |
| Complete Drive Module Efficiency (61800-9-2) | |

| Operating Point Frequency / Current | Absolute Loss | Efficiency | Relative Loss |
|--|------------------|------------|------------------|
| 0/25 % | 126 W | 87.9 % | 0.7 % |
| 0/50 % | 162 W | 91.6 % | 0.9 % |
| 0/100 % | 284 W | 92.6 % | 1.6 % |
| 50/25 % | 135 W | 93.4 % | 0.8 % |
| 50/50 % | 180 W | 95.4 % | 1.0 % |
| 50/100 % | 322 W | 95.8 % | 1.9 % |
| 90/50 % | 196 W | 97.1 % | 1.1 % |
| 90/100 % | 383 W | 97.2 % | 2.2 % |

| | |
|--------------------|---------------------------------|
| Temperature Rating | Maximum 40 °C Minimum -15 °C |
|--------------------|---------------------------------|

Additional Information

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|-------------------|---------------------|
| Product Main Type | ACS580-01 |
| Product Name | Frequency converter |

Classifications

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

Environmental

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|---------------|--|
| SCIP | 4a4ed2db-43e7-4612-8e9c-3921e4acd08b Finland (FI) |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

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

