

## PRODUCT-DETAILS

# ACS580-01-062A-4+B056

ACS580-01-062A-4+B056 Pn 30 kW I2n 62 A,  
Protection class IP55, EMC class C2



### General Information

|                         |                       |
|-------------------------|-----------------------|
| Global Commercial Alias | ACS580-01-062A-4+B056 |
| Product ID              | 3AUA0000083573        |
| ABB Type Designation    | ACS580-01-062A-4+B056 |
| EAN                     | 6438177306047         |

Catalog Description ACS580-01-062A-4+B056 Pn 30 kW I2n 62 A, Protection class IP55, EMC class C2

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.

### Complete Drive Module Efficiency (61800-9-2)

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|----------------------------------------|------------------|------------------|------------|
| 0 / 25 %                               | 247 W            | 0.6 %            | 90.2 %     |
| 0 / 50 %                               | 322 W            | 0.7 %            | 93.2 %     |
| 0 / 100 %                              | 574 W            | 1.3 %            | 93.8 %     |
| 50 / 25 %                              | 270 W            | 0.6 %            | 94.6 %     |
| 50 / 50 %                              | 370 W            | 0.9 %            | 96.1 %     |
| 50 / 100 %                             | 683 W            | 1.6 %            | 96.4 %     |
| 90 / 50 %                              | 430 W            | 1.0 %            | 97.5 %     |
| 90 / 100 %                             | 873 W            | 2.0 %            | 97.4 %     |

## Ordering

|                         |               |
|-------------------------|---------------|
| Customs Tariff Number   | 85044088      |
| EAN                     | 6438177306047 |
| 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 | 685.5 mm |
| Product Net Length | 265 mm   |
| Product Net Weight | 20 kg    |
| Product Net Width  | 203 mm   |

## Technical

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Frequency (f)                    | 50/60 Hz                                                                                            |
| Input Voltage (U <sub>in</sub> ) | 380 ... 480 V                                                                                       |
| Mounting Type                    | Wall-mounted                                                                                        |
| Number of Phases                 | 3                                                                                                   |
| Communication Protocol           | MODBUS<br>DeviceNet<br>PROFIBUS<br>CAN<br>EtherNet/IP<br>PROFINET IO<br>TCP/IP<br>Other Bus Systems |

## Additional Information

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

## Classifications

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

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## Categories

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

