

PRODUCT-DETAILS

ACS580-01-023A-4+B056

LV AC general purpose wall-mounted drive, UL:
Pld 15 Hp, 23 A (ACS580-01-023A-4+B056)



General Information

| | |
|-------------------------|--|
| Global Commercial Alias | ACS580-01-023A-4+B056 |
| Product ID | 3AUA0000204835 |
| ABB Type Designation | ACS580-01-023A-4+B056 |
| EAN | 6438177450948 |
| Catalog Description | LV AC general purpose wall-mounted drive, UL: Pld 15 Hp, 23 A (ACS580-01-023A-4+B056) |
| Long Description | 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. 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 | United States (US) |
| Customs Tariff Number | 85044080 |
| Invoice Description | ACS580-01-023A-4+B056, PLD 15HP, I2LD 23A |
| Made To Order | No |

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

Dimensions

| | |
|----------------------------|----------|
| Product Net Weight | 15 lb |
| Product Net Depth / Length | 9.4 in |
| Product Net Height | 21.49 in |
| Product Net Width | 5.1 in |
| Package Level 1 Units | 1 carton |

Technical

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|----------------------------------|---------------|
| Number of Phases | 3 |
| Degree of Protection | IP55 |
| Enclosure Type NEMA | Type12 |
| Frequency (f) | 47 ... 63 Hz |
| Frame Size | R2 |
| Input Voltage (U _{in}) | 380 ... 500 V |
| Mounting Type | Wall-mounting |
| Apparent Power Output | 19 kV·A |
| Efficiency Level | IE2 |
| Standby Loss | 14 W |

Complete Drive Module
Efficiency (61800-9-2)

| Operating Point Frequency / Current | Absolute Loss | Relative Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 % | 120 W | 0.6 % | 89.4 % |
| 0 / 50 % | 152 W | 0.8 % | 92.8 % |
| 0 / 100 % | 260 W | 1.4 % | 93.8 % |
| 50 / 25 % | 128 W | 0.7 % | 94.3 % |
| 50 / 50 % | 167 W | 0.9 % | 96.1 % |
| 50 / 100 % | 293 W | 1.5 % | 96.5 % |
| 90 / 50 % | 180 W | 0.9 % | 97.6 % |
| 90 / 100 % | 344 W | 1.8 % | 97.7 % |

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

Additional Information

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| Product Name | AC Drive |
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Classifications

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| UNSPSC | 39122001 |
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| Environmental | |
|---------------|---|
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

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

