



 PRODUCT-DETAILS

ACS150-01E-04A7-2

LV AC micro drive, IEC: Pn 0.75 kW, 4.7 A
(ACS150-01E-04A7-2)



General Information

| | |
|-------------------------|--|
| Global Commercial Alias | ACS150-01E-04A7-2 |
| Product ID | 68581966 |
| ABB Type Designation | ACS150-01E-04A7-2 |
| EAN | 6410038079321 |
| Catalog Description | LV AC micro drive, IEC: Pn 0.75 kW, 4.7 A (ACS150-01E-04A7-2) |
| Long Description | The ACS150 drives are designed to be incorporated into a wide variety of machines such as mixers, conveyors, fans or pumps. The ACS150 drives have an integrated user panel, potentiometer and a variety of features such as pre-defined connection macros, making drive selection and configuration easy. With an optional FlashDrop tool these drives can be configured quickly in volume. |

Ordering

| | |
|------------------------|--|
| Country of Origin | China (CN) Finland (FI) |
| Customs Tariff Number | 85044085 |
| Invoice Description | ACS150-01E-04A7-2 Pn 0,75kW, I2n 4,7A IP20 |
| 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 | 1.4 kg |
| Product Net Depth / Length | 142 mm |
| Product Net Height | 239 mm |
| Product Net Width | 70 mm |
| Package Level 1 Depth / Length | 345 mm |
| Package Level 1 Height | 130 mm |
| Package Level 1 Width | 215 mm |
| Package Level 1 Units | 1 carton |

Technical

| | |
|---|---|
| Number of Phases | 1 |
| Degree of Protection | IP20 |
| Enclosure Type NEMA | Open Type |
| Multiple Battery Information | No battery / cell included |
| Frequency (f) | 50/60 Hz |
| Frame Size | R1 |
| Input Voltage (U_{in}) | 200 ... 240 V |
| Mounting Type | Module for cabinet building |
| Number of Hardware Interfaces | Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Parallel 0 Other 1 |
| Includes | With control unit Without optical interface With PC connection |
| Analog Inputs | 1 |
| Analog Outputs | 0 |
| Number of Digital In/Outputs | 5/0 |
| Output Current, Light-Overload Use (I_{LD}) | 4.7 A |
| Output Current, Normal Use (I_n) | 4.7 A |
| Output Power, Light-Overload Use (P_{LD}) | 0.8 kW |
| Output Power, Normal Use (P_n) | 0.75 kW |
| Apparent Power Output | 1.9 kV·A |
| Efficiency Level | IE2 |
| Standby Loss | 11 W |

Complete Drive Module
 Efficiency (61800-9-2)

| Operating Point Frequency / Current | Absolute Loss | Relative Loss | Efficiency |
|--|------------------|------------------|------------|
| 90 / 100 % | 54 W | 2.9 % | 96.1 % |
| 50 / 100 % | 47 W | 2.5 % | 94.0 % |
| 0 / 100 % | 43 W | 2.3 % | 89.2 % |
| 90 / 50 % | 39 W | 2.1 % | 94.8 % |
| 50 / 50 % | 36 W | 1.9 % | 91.7 % |
| 50 / 25 % | 31 W | 1.7 % | 86.8 % |
| 0 / 50 % | 34 W | 1.8 % | 84.9 % |
| 0 / 25 % | 30 W | 1.6 % | 76.6 % |

Temperature Rating Maximum 40 °C

Ecodesign Exemption Energy efficiency data is not provided for the 1~230 V drives. The drives with one phase input are not in the scope of the EU ecodesign requirements (Regulation EU/2019/1781).

Classifications

| | |
|--------|--|
| ETIM 8 | EC001857 - Frequency converter =< 1 kV |
| ETIM 9 | EC001857 - Frequency converter =< 1 kV |
| UNSPSC | 39122001 |

Environmental

| | |
|---------------|--|
| SCIP | f90aa954-edeb-434f-894f-d90ec5e22a8c Finland (FI) |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Additional Information

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

Categories

Drives → Low Voltage AC Drives → Micro Drives → ACS150 - Micro Drive

