



PRODUCT-DETAILS

ACS150-01E-02A4-2

LV AC micro drive, IEC: Pn 0.37 kW, 2.4 A
(ACS150-01E-02A4-2)



General Information

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|---------------------------------|--|
| Global Commercial Alias: | ACS150-01E-02A4-2 |
| Product ID: | 68581940 |
| ABB Type Designation: | ACS150-01E-02A4-2 |
| EAN: | 6410038079307 |
| Catalog Description: | LV AC micro drive, IEC: Pn 0.37 kW, 2.4 A (ACS150-01E-02A4-2) |
| 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. |
| Display Name: | ACS150-01E-02A4-2 |

Ordering

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| Customs Tariff Number: | 85044085 |
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HS Code: 850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES; Electrical transformers, static converters (for example, rectifiers) and inductors; Static converters

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| Invoice Description: | ACS150-01E-02A4-2 Pn 0,37kW, I2n 2,4A / IP20 |
| Made To Order: | No |
| Minimum Order Quantity: | 1 piece |
| Order Multiple: | 1 piece |
| Quote Only: | No |
| Selling Unit of Measure: | piece |

Dimensions

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| Product Net Weight: | 1.2 kg |
| Product Net Depth / Length: | 142 mm |
| Product Net Height: | 239 mm |
| Product Net Width: | 70 mm |
| Package Level 1 Depth / Length: | 343 mm |
| Package Level 1 Height: | 130 mm |
| Package Level 1 Width: | 217 mm |
| Package Level 1 Units: | 1 carton |

Technical

| Operating Point Frequency / Current | Absolute Loss | Relative Loss | Efficiency |
|--|------------------|------------------|------------|
| 90 / 100 % | 29 W | 3.1 % | 95.5 % |
| 50 / 100 % | 26 W | 2.7 % | 93.1 % |
| 0 / 100 % | 23 W | 2.4 % | 87.7 % |
| 90 / 50 % | 23 W | 2.4 % | 93.9 % |
| 50 / 50 % | 21 W | 2.2 % | 90.3 % |
| 50 / 25 % | 20 W | 2.1 % | 86.4 % |
| 0 / 50 % | 20 W | 2.1 % | 82.7 % |
| 0 / 25 % | 19 W | 2.0 % | 76.2 % |

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| Number of Phases: | 1-phase |
| 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 |

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| 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, Normal Use (I_n): | 2.4 A |
| Output Current, Light-Overload Use (I_{LD}): | 2.4 A |
| Output Power, Normal Use (P_n): | 0.37 kW |
| Output Power, Light-Overload Use (P_{LD}): | 0.4 kW |
| Power Consumption (@P_{cons}): | 29 W |
| Apparent Power Output: | 1.0 kV·A |
| Efficiency Level: | IE2 |
| Standby Loss: | 6 W |
| Temperature Rating: | Maximum 40 °C |

Certificates and Declarations

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| Declaration of Conformity - CE: | 3AXD10000499279 |
| REACH Date: | 20260316 |
| REACH Declaration: | 9AKK107992A7060 |
| REACH Information: | True - contains substances > 0.1 mass percentage |
| RoHS Date: | 20230303 |
| RoHS Declaration: | 3AXD10000499279 |
| RoHS Information: | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Environmental

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| SCIP: | 48b9142c-556f-48b8-b335-7ea8496bc698 Finland |
| WEEE Category: | 5. Small Equipment (No External Dimension More Than 50 cm) |

External Classifications and Standards

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| UNSPSC: | 39122001 |
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Categories

Products > Drives > Low Voltage AC Drives > Micro Drives > ACS150 - Micro Drive

