



## PRODUCT-DETAILS

**ACS150-03E-04A1-4**

LV AC micro drive, IEC: Pn 1.5 kW, 4.1 A  
(ACS150-03E-04A1-4)

**General Information**

<b>Global Commercial Alias:</b>	ACS150-03E-04A1-4
<b>Product ID:</b>	68581788
<b>ABB Type Designation:</b>	ACS150-03E-04A1-4
<b>EAN:</b>	6410038079468
<b>Catalog Description:</b>	LV AC micro drive, IEC: Pn 1.5 kW, 4.1 A (ACS150-03E-04A1-4)
<b>Long Description:</b>	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.
<b>Display Name:</b>	ACS150-03E-04A1-4

**Ordering**

<b>Customs Tariff Number:</b>	85044085
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<b>HS Code:</b>	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
<b>Invoice Description:</b>	ACS150-03E-04A1-4 Pn 1,5kW, I2n 4,1A IP20
<b>Made To Order:</b>	No
<b>Minimum Order Quantity:</b>	1 piece
<b>Order Multiple:</b>	1 piece
<b>Quote Only:</b>	No
<b>Selling Unit of Measure:</b>	piece

## Dimensions

<b>Product Net Weight:</b>	1.3 kg
<b>Product Net Depth / Length:</b>	142 mm
<b>Product Net Height:</b>	239 mm
<b>Product Net Width:</b>	70 mm
<b>Package Level 1 Depth / Length:</b>	350 mm
<b>Package Level 1 Height:</b>	130 mm
<b>Package Level 1 Width:</b>	220 mm
<b>Package Level 1 Units:</b>	1 carton

## Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	32 W	1.1 %	82.6 %
0 / 50 %	36 W	1.3 %	89.0 %
0 / 100 %	46 W	1.6 %	92.1 %
50 / 25 %	33 W	1.2 %	90.5 %
50 / 50 %	38 W	1.3 %	94.1 %
50 / 100 %	51 W	1.8 %	95.7 %
90 / 50 %	41 W	1.4 %	96.4 %
90 / 100 %	56 W	2.0 %	97.3 %

<b>Number of Phases:</b>	3-phase
<b>Degree of Protection:</b>	IP20
<b>Enclosure Type NEMA:</b>	Open Type
<b>Multiple Battery Information:</b>	No battery / cell included
<b>Frequency (f):</b>	50/60 Hz
<b>Frame Size:</b>	R1
<b>Input Voltage (U<sub>in</sub>):</b>	380 ... 480 V
<b>Mounting Type:</b>	Module for cabinet building

<b>Number of Hardware Interfaces:</b>	Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Parallel 0 Other 1
<b>Includes:</b>	With control unit Without optical interface With PC connection
<b>Analog Inputs:</b>	1
<b>Analog Outputs:</b>	0
<b>Number of Digital In/Outputs:</b>	5/0
<b>Output Current, Normal Use (<math>I_n</math>):</b>	4.1 A
<b>Output Current, Light-Overload Use (<math>I_{LD}</math>):</b>	4.1 A
<b>Output Power, Normal Use (<math>P_n</math>):</b>	1.5 kW
<b>Output Power, Light-Overload Use (<math>P_{LD}</math>):</b>	1.5 kW
<b>Power Consumption (@<math>P_{cons}</math>):</b>	56 W
<b>Apparent Power Output:</b>	2.8 kV·A
<b>Efficiency Level:</b>	IE2
<b>Standby Loss:</b>	11 W
<b>Temperature Rating:</b>	Maximum 40 °C

## Certificates and Declarations

<b>Declaration of Conformity - CE:</b>	3AXD10000499279
<b>REACH Date:</b>	20250905
<b>REACH Declaration:</b>	9AKK107992A7060
<b>REACH Information:</b>	True - contains substances > 0.1 mass percentage
<b>RoHS Date:</b>	20230303
<b>RoHS Declaration:</b>	3AXD10000499279
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

## Environmental

<b>SCIP:</b>	9bafda2d-8835-4ef6-a271-ddfeea692d36 Finland
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)

## External Classifications and Standards

<b>UNSPSC:</b>	39122001
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## Categories

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

