



PRODUCT-DETAILS

ACS150-01E-02A4-2

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



General Information	
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.

Ordering	
Customs Tariff Number	85044085
HS Code	850440-- Electrical transformers, static converters (for example, rectifiers) and inductors.- Static converters
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

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

Certificates and Declarations

Declaration of Conformity - CE	3AXD10000499279
REACH Date	20240905
REACH Declaration	9AKK107992A7060
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	20230303
RoHS Information	3AXD10000499279
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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, Normal	2.4 A

Use (I_n)	
Output Current, Light-	2.4 A
Overload Use (I_{LD})	
Output Power, Normal	0.37 kW
Use (P_n)	
Output Power, Light-	0.4 kW
Overload Use (P_{LD})	
	29 W
Apparent Power Output	1.0 kV·A
Efficiency Level	IE2
Standby Loss	6 W
Complete Drive Module Efficiency (61800-9-2)	

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 %

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).

External Classifications and Standards

UNSPSC	39122001
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Environmental

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

Additional Information

Product Name	Frequency converter
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Categories

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

