




---

 PRODUCT-DETAILS

## ACS150-03E-01A2-4

LV AC micro drive, IEC: Pn 0.37 kW, 1.2 A  
(ACS150-03E-01A2-4)




---

**General Information**

Global Commercial Alias	ACS150-03E-01A2-4
Product ID	68581737
ABB Type Designation	ACS150-03E-01A2-4
EAN	6410038079420
Catalog Description	LV AC micro drive, IEC: Pn 0.37 kW, 1.2 A (ACS150-03E-01A2-4)
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	ACS150-03E-01A2-4 Pn 0,37kW, I2n 1,2A 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	348 mm
Package Level 1 Height	130 mm
Package Level 1 Width	220 mm
Package Level 1 Units	1 carton

## Technical

Number of Phases	3
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 ( $U_{in}$ )	380 ... 480 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 ( $I_{LD}$ )	1.2 A
Output Current, Normal Use ( $I_n$ )	1.2 A
Output Power, Light-Overload Use ( $P_{LD}$ )	0.4 kW
Output Power, Normal Use ( $P_n$ )	0.37 kW
Apparent Power Output	0.8 kV·A
Efficiency Level	IE2
Standby Loss	7 W

Complete Drive Module  
 Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	16 W	1.9 %	77.4 %
0 / 50 %	16 W	1.9 %	83.9 %
0 / 100 %	17 W	2.1 %	89.5 %
50 / 25 %	16 W	1.9 %	87.5 %
50 / 50 %	16 W	2.0 %	91.3 %
50 / 100 %	18 W	2.2 %	94.4 %
90 / 50 %	17 W	2.0 %	94.8 %
90 / 100 %	19 W	2.3 %	96.6 %

Temperature Rating Maximum 40 °C

### Classifications

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

### Environmental

SCIP	93418047-339e-405b-ac09-2058092748e2 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

