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 PRODUCT-DETAILS

## ACS150-03E-04A1-4

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




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### General Information

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

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### Ordering

Country of Origin	Thailand (TH) China (CN) Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS150-03E-04A1-4 Pn 1,5kW, I2n 4,1A 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	1.3 kg
Product Net Depth / Length	142 mm
Product Net Height	239 mm
Product Net Width	70 mm
Package Level 1 Depth / Length	350 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 ( $I_{LD}$ )	4.1 A
Output Current, Normal Use ( $I_n$ )	4.1 A
Output Power, Light-Overload Use ( $P_{LD}$ )	1.5 kW
Output Power, Normal Use ( $P_n$ )	1.5 kW
Apparent Power Output	2.8 kVA
Efficiency Level	IE2

Standby Loss

11 W

Complete Drive Module

Efficiency (61800-9-2)

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 %

Temperature Rating

Maximum 40 °C

### Classifications

ETIM 8

EC001857 - Frequency converter =< 1 kV

ETIM 9

EC001857 - Frequency converter =< 1 kV

UNSPSC

39122001

### Environmental

SCIP

9bafda2d-8835-4ef6-a271-ddf6ea692d36 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

