

PRODUCT-DETAILS

# ACS150-01E-09A8-2

## ACS150-01E-09A8-2 Pn 2,2kW, I2n 9,8A IP20



### General Information

Global Commercial Alias	ACS150-01E-09A8-2
Product ID	68581991
ABB Type Designation	ACS150-01E-09A8-2
EAN	6410038079352
Catalog Description	ACS150-01E-09A8-2 Pn 2,2kW, I2n 9,8A IP20
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)
Customs Tariff Number	85044084
Invoice Description	ACS150-01E-09A8-2 Pn 2,2kW, I2n 9,8A 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	1.8 kg
Product Net Height	239 mm
Product Net Length	142 mm
Product Net Width	105 mm
Package Level 1 Depth / Length	345 mm
Package Level 1 Height	167 mm
Package Level 1 Width	220 mm
Package Level 1 Units	1 carton

## Technical

Number of Phases	1
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	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, Light-Overload Use	9.8 A
Output Current, Normal Use	9.8 A
Output Power, Light-Overload Use	2.2 kW
Output Power, Normal Use	2.2 kW
Apparent Power Output	3.9 kV-A
Efficiency Level	IE2
Standby Loss	13 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
90 / 100 %	108 W	2.8 %	96.2 %
50 / 100 %	91 W	2.3 %	94.4 %
0 / 100 %	80 W	2.0 %	90.3 %
90 / 50 %	72 W	1.8 %	95.4 %
50 / 50 %	63 W	1.6 %	92.9 %
50 / 25 %	52 W	1.3 %	89.3 %
0 / 50 %	58 W	1.5 %	87.3 %
0 / 25 %	49 W	1.3 %	80.8 %

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).

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### Additional Information

Product Main Type	ACS150
Product Name	Frequency converter

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### Classifications

Product Series	ACS150
ETIM 7	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

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### Environmental

SCIP	24f7c7e2-1846-4797-b6f3-8f3ae8b418db Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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### Categories

Drives → Low voltage AC drives → Micro drives → ACS150 - Micro Drive

