PRODUCT-DETAILS

ACS150-01E-07A5-2

ACS150-01E-07A5-2 Pn 1,5kW, I2n 7,5A IP20

General Information

Global Commercial Alias	ACS150-01E-07A5-2
Product ID	68581982
ABB Type Designation	ACS150-01E-07A5-2
EAN	6410038079345
Catalog Description	ACS150-01E-07A5-2 Pn 1,5kW, I2n 7,5A 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	85044085
Invoice Description	ACS150-01E-07A5-2 Pn 1,5kW, I2n 7,5A 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	1.7 kg
Product Net Depth / Length	142 mm
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_{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, Light-Overload Use (I_{LD})	7.5 A
Output Current, Normal Use (I_n)	7.5 A
Output Power, Light-Overload Use (P_{LD})	1.5 kW
Output Power, Normal Use (P_n)	1.5 kW
Apparent Power Output	3.0 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 %	81 W	2.7 %	96.3 %
50 / 100 %	69 W	2.3 %	94.5 %
0 / 100 %	62 W	2.1 %	90.2 %
90 / 50 %	56 W	1.9 %	95.3 %
50 / 50 %	51 W	1.7 %	92.6 %
50 / 25 %	42 W	1.4 %	88.6 %
0 / 50 %	47 W	1.6 %	86.7 %
0 / 25 %	41 W	1.4 %	79.6 %

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).

Additional Information

Product Main Type	ACS150
Product Name	Frequency converter

Classifications

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

Environmental

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

Categories

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