

PRODUCT-DETAILS

ACS580-01-12A7-4

ACS580-01-12A7-4 PN: 5.5 kW, IN: 12.6 A



Información General

Global Commercial Alias	ACS580-01-12A7-4
Código de producto	3AXD50000038953
ABB Type Designation	ACS580-01-12A7-4
EAN	6438177459231
Descripción corta	ACS580-01-12A7-4 PN: 5.5 kW, IN: 12.6 A

The ACS580-01 is plug-in ready to control your compressors, conveyors, pumps, extruders, centrifuges, mixers, fans and many other variable and constant torque applications, in a variety of light industries, including food and beverage, plastic, textile, material handling, and agriculture.

Descripción larga

All essential features are built-in as standard, simplifying drive selection, and making additional hardware unnecessary. Versatile and straightforward settings menu and assistants enable fast setup, commissioning, use and maintenance, while rugged and robust design makes it a good fit for various environments. With the ACS580 drives you can easily take full control of your processes to comprehensively manage your plant. The wall-mounted ACS580-01 comes in IP21 enclosure as standard. Also, IP55 and flange mounting units are available.

Clasificación

Country of Origin	Romania (RO) Finland (FI) China (CN)
Código arancelario	85044084
Invoice Description	ACS580-01-12A7-4 PN: 5.5 kW, IN: 12.6 A
Made To Order	No
Cantidad mínima de	1 piece

pedido	
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Información de Embalaje

Gross Volume	10.397 dm ³
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Dimensiones

Peso del product	4.6 kg
Largo del product	223 mm
Alto del producto	373 mm
Ancho del product	125 mm
Embalaje Nivel 1 Largo	225 mm
Embalaje Nivel 1 Alto	370 mm
Embalaje Nivel 1 Ancho	526 mm
Embalaje Nivel 1 Unidades	1 carton

Technical

Number of Phases	3
Grado de protección	IP21
Enclosure Type NEMA	Type1
Altitude	1000 m
Sound dB (A)	59 dB(A)
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounted
Communication Protocol	MODBUS DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1 Parallel 2 Other 2
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6/3
Output Current, Heavy-Duty Use	9.4 A
Output Current, Light-Overload Use	12.0 A
Output Current, Normal Use	12.6 A

Output Power, Heavy-Duty Use	4.0 kW
Output Power, Light-Overload Use	5.5 kW
Output Power, Normal Use	5.5 kW
Apparent Power Output	8.7 kV·A
Efficiency Level	IE2
Standby Loss	14 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	66 W	0.8 %	87.4 %
0 / 50 %	86 W	1.0 %	91.2 %
0 / 100 %	155 W	1.8 %	92.0 %
50 / 25 %	71 W	0.8 %	93.1 %
50 / 50 %	96 W	1.1 %	95.1 %
50 / 100 %	176 W	2.0 %	95.5 %
90 / 50 %	106 W	1.2 %	96.9 %
90 / 100 %	211 W	2.4 %	96.9 %

Temperature Rating Maximum 40 °C

Información Adicional

Product Main Type	ACS580-01
Product Name	Frequency converter

Clasificaciones

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

Ambiente

SCIP	a5c3dd71-8ecd-44d9-98e4-45c53b6836e1 Finland (FI)
Categoría RAEE	5. Small Equipment (No External Dimension More Than 50 cm)

Categorías

Convertidores de frecuencia → Convertidores de frecuencia de baja tensión de CA → Convertidores de frecuencia de propósito general ABB → ACS580-01 - Wall-mounted drive

