

PRODUCT-DETAILS

ACS580-01-07A3-4

ACS580-01-07A3-4 PN: 3.0 kW, IN: 7.2 A



Información General

Global Commercial Alias	ACS580-01-07A3-4
Código de producto	3AXD50000038951
ABB Type Designation	ACS580-01-07A3-4
EAN	6438177459217

Descripción corta ACS580-01-07A3-4 PN: 3.0 kW, IN: 7.2 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	ACS580-01-07A3-4 PN: 3.0 kW, IN: 7.2 A
Made To Order	Yes
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	5.6 A
Output Current, Light-Overload Use	6.8 A
Output Current, Normal Use	7.2 A

Output Power, Heavy-Duty Use	2.2 kW
Output Power, Light-Overload Use	3.0 kW
Output Power, Normal Use	3.0 kW
Apparent Power Output	5.0 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 %	47 W	1.0 %	84.7 %
0 / 50 %	55 W	1.1 %	90.2 %
0 / 100 %	76 W	1.5 %	92.6 %
50 / 25 %	50 W	1.0 %	91.7 %
50 / 50 %	60 W	1.2 %	94.7 %
50 / 100 %	85 W	1.7 %	95.9 %
90 / 50 %	66 W	1.3 %	96.7 %
90 / 100 %	97 W	1.9 %	97.3 %

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

