

PRODUCT-DETAILS

ACS580-01-169A-4

ACS580-01-169A-4 PN: 90 kW, IN: 169 A



Información General

Global Commercial Alias	ACS580-01-169A-4
Código de producto	3AUA0000080505
ABB Type Designation	ACS580-01-169A-4
EAN	6438177305613
Descripción corta	ACS580-01-169A-4 PN: 90 kW, IN: 169 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	Finland (FI)
Código arancelario	85044084
Invoice Description	ACS580-01-169A-4 PN: 90 kW, IN: 169 A
Made To Order	Yes
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece

Quote Only	No
Selling Unit of Measure	piece

Información de Embalaje

Gross Volume	92.47 dm ³
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Dimensiones

Peso del product	54 kg
Largo del product	370 mm
Alto del product	880 mm
Ancho del product	284 mm
Embalaje Nivel 1 Largo	992 mm
Embalaje Nivel 1 Alto	568 mm
Embalaje Nivel 1 Ancho	400 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)	67 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	145 A
Output Current, Light-Overload Use	161 A
Output Current, Normal Use	169 A
Output Power, Heavy-Duty Use	75 kW

Output Power, Light-Overload Use	90 kW
Output Power, Normal Use	90 kW
Apparent Power Output	117 kV·A
Efficiency Level	IE2
Standby Loss	36 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	556 W	0.5 %	92.0 %
0 / 50 %	754 W	0.6 %	94.2 %
0 / 100 %	1317 W	1.1 %	94.8 %
50 / 25 %	611 W	0.5 %	95.6 %
50 / 50 %	860 W	0.7 %	96.7 %
50 / 100 %	1547 W	1.3 %	97.0 %
90 / 50 %	1013 W	0.9 %	97.8 %
90 / 100 %	2021 W	1.7 %	97.8 %

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	71e4e108-7fa3-4fef-ae88-63d19649578b Finland (FI)
Categoría RAEE	4. Large Equipment (Any 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

