

PRODUCT-DETAILS

3AUA0000012789

FREQUENCY CONVERTER



Información General

Código de producto	3AUA0000012789
ABB Type Designation	ACS550-01-045A-4
EAN	6410038082741
Descripción corta	FREQUENCY CONVERTER
Descripción larga	ACS550-01-045A-4

Clasificación

Country of Origin	China (CN) Finland (FI) United States (US) Singapore (SG)
Código arancelario	85044088
Invoice Description	FREQUENCY CONVERTER
Made To Order	No
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Información de Embalaje

Gross Volume	0.081 m ³
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Dimensiones

Peso del product	16 kg
Largo del product	231 mm
Alto del producto	583 mm
Ancho del product	203 mm
Embalaje Nivel 1 Largo	231 mm
Embalaje Nivel 1 Alto	583 mm
Embalaje Nivel 1 Ancho	203 mm
Embalaje Nivel 1 Unidades	1 piece

Technical

Number of Phases	3
Grado de protección	IP21
Enclosure Type NEMA	Type1
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall Mounting
Communication Protocol	MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 1 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Parallel 0 Other 5
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6/0
Output Current, Heavy-Duty Use	38 A
Output Current, Normal Use	44 A
Output Power, Heavy-Duty Use	18.5 kW
Output Power, Light-Overload Use	22 kW
Output Power, Normal Use	22 kW
Apparent Power Output	31 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 %	179 W	0.6 %	90.2 %
0 / 50 %	250 W	0.8 %	92.7 %
0 / 100 %	476 W	1.5 %	93.0 %
50 / 25 %	205 W	0.7 %	94.4 %
50 / 50 %	312 W	1.0 %	95.5 %
50 / 100 %	641 W	2.1 %	95.4 %
90 / 50 %	405 W	1.3 %	96.7 %
90 / 100 %	918 W	2.9 %	96.3 %

Temperature Rating

Maximum 40 °C

Información Adicional

Product Main Type

ACS550

Product Name

FREQUENCY CONVERTER

Clasificaciones

Product Series

ACS550-01

ETIM 7

EC001857 - Frequency converter =< 1 kV

UNSPSC

39122001

Ambiente

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 → ACS550-01 - Wall-mounted drive

