



PRODUCT-DETAILS

3AUA0000012789

FREQUENCY CONVERTER



General Information

Product ID	3AUA0000012789
ABB Type Designation	ACS550-01-045A-4
EAN	6410038082741
Catalog Description	FREQUENCY CONVERTER
Long Description	ACS550-01-045A-4

Electrical Data

Temp Class	Voltage	Power	Current
--	380-480 V	22.00 kW	45.00 A

Ordering

Country of Origin	China (CN) Finland (FI) United States (US) Singapore (SG)
Customs Tariff Number	85044088
EAN	6410038082741
Invoice Description	FREQUENCY CONVERTER

Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Part Type	New
Quote Only	No
Selling Unit of Measure	piece

Container Information

Gross Volume	0.081 m ³
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Dimensions

Product Net Height	583 mm
Product Net Length	231 mm
Product Net Weight	16 kg
Product Net Width	203 mm

Technical

Number of Phases	3
Degree of Protection	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
Technical Information	.
	Following options are available only as loose options. Please add them separately to shopping cart.
	3AUA0000002040 OREL-01 ACS 550 Relay Output Extension+L511 64606891 RDNA-01 DeviceNet +K451 64606883 RLON-01 Lonworks +K452 64606859 RPBA-01 PROFIBUS-DP +K454 64751727 RETA-01 Ethernet (Modbus TCP, EtherNet/IP) +K466 68840830 RETA-02 Ethernet (Modbus TCP, PROFINET)+K467
Apparent Power Output	31 kV·A
Efficiency Level	IE2
Standby Loss	14 W
Complete Drive Module Efficiency (61800-9-2)	
Temperature Rating	Maximum 40 °C

Additional Information

Product Main Type	ACS550
Product Name	FREQUENCY CONVERTER

Classifications

Product Series	ACS550-01
ETIM 7	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Categories

Drives → Low voltage AC drives → General purpose drives → ACS550-01 - Wall-mounted drive

