



PRODUCT-DETAILS

ACS580-01-052A-6

ACS580-01-052A-6 PN: 37 kW, IN: 52 A

General Information

Global Commercial Alias	ACS580-01-052A-6
Product ID	3AXD50000216307
ABB Type Designation	ACS580-01-052A-6
Catalog Description	ACS580-01-052A-6 PN: 37 kW, IN: 52 A

Additional Information

ABB EcoSolutions	Yes
ABB Type Designation	ACS580-01-052A-6
Altitude	1000 m
Circular Design Principles Lifetime	3AXD10001912952
Circular Design Principles Recyclability Rate	90 %
CN8	85044084
Country of Origin	Finland (FI)
Customs Tariff Number	85044084
Degree of Protection	acc. to IEC 60529 IP21
Enclosure Type NEMA	Type1
End of Life Instructions	3AXD50000153893
Environmental Conditions	Chemical Gas Tolerance acc. to IEC 60721-3-3 -
Environmental Product Declaration - EPD	3AXD10001912952
Four Quadrant Operation	No
Frame Size	R5
Global Commercial Alias	ACS580-01-052A-6
Gross Weight	35.68 kg 78.661 lb

Improved Resource
Efficiency for Customers

Product Efficiency - Product considered more energy-efficient compared to
similar product on market or older products from the same line
Process Efficiency - Product contribute to making customer's operations more

resilient and reliable
Digital Efficiency - Product is digitally-supported to optimize usage and
eventually optimize customer asset

Integrated Breaking Resistance	No
Invoice Description	ACS580-01-052A-6 PN: 37 kW, IN: 52 A
Made To Order	Yes
Maximum Output Frequency	500 Hz
Medium Description	ACS580-01-052A-6 PN: 37 kW, IN: 52 A
Minimum Order Quantity	1 piece
Minimum Output Frequency	0 Hz
Module Function	LV AC general purpose wall-mounted drive
Number of Phases	3
Offered with Extended Lifetime	Lifetime extension of customer's assets is made possible thanks to offering and the supporting services
	95
Order Multiple	1 piece
Output Current, Heavy-Duty Use (I_{HD})	41 A
Output Current, Light-Overload Use (I_{LD})	52 A
Output Current, Normal Use (I_n)	52 A
Output Power, Heavy-Duty Use (P_{HD})	30.0 kW
Output Power, Light-Overload Use (P_{LD})	37 kW
Output Power, Normal Use (P_n)	37 kW
Output Voltage Maximum	600 V
Package Level 1 Depth / Length	835 mm
Package Level 1 Gross Weight	6.88 kg
Package Level 1 Height	521.00 mm 20.512 in
Package Level 1 Width	295.00 mm 11.614 in
Package Level 2 Depth / Length	32.874 in
Package Level 2 Gross Weight	15.168 lb
Package Level 2 Height	20.512 in
Package Level 2 Width	11.614 in
Product Main Type	ACS580-01
Product Name	Frequency converter

Product Net Depth / Length	295.00 mm 11.614 in
Product Net Height	0 mm
Product Net Weight	28.30 kg 62.391 lb
Product Net Width	203.00 mm 7.992 in
Product Type	ACS580-01
Quote Only	No
Selling Unit of Measure	piece
Short Description	ACS580-01-052A-6 PN: 37 kW, IN: 52 A
Sound dB (A)	63 dB(A)
Stocked At (Warehouses)	Singapore, Singapore Beijing, China Singapore, Singapore Tokyo, Japan Australia, Australia
Sustainable Material Content	Recycled Metal - 34 %
Sustainable Material Content in Packaging	90 %
Symmetric Tolerance (% tol)	Relative Net Voltage 10 %
Temperature Rating	Minimum -15 °C
Type of Converter	U Converter
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)