



## PRODUCT-DETAILS

# ACS580-01-144A-6

## ACS580-01-144A-6 PN: 110 kW, IN: 144 A

### General Information

Global Commercial Alias	ACS580-01-144A-6
Product ID	3AXD50000216352
ABB Type Designation	ACS580-01-144A-6
Catalog Description	ACS580-01-144A-6 PN: 110 kW, IN: 144 A

### Additional Information

ABB EcoSolutions	Yes
ABB Type Designation	ACS580-01-144A-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	R8
Global Commercial Alias	ACS580-01-144A-6
Gross Weight	83.00 kg 182.984 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	ACS580-01-144A-6 PN: 110 kW, IN: 144 A
Made To Order	Yes
Maximum Output Frequency	500 Hz
Medium Description	ACS580-01-144A-6 PN: 110 kW, IN: 144 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
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Order Multiple	1 piece
Output Current, Heavy-Duty Use ( $I_{HD}$ )	125 A
Output Current, Light-Overload Use ( $I_{LD}$ )	144 A
Output Current, Normal Use ( $I_n$ )	144 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	90 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	110 kW
Output Power, Normal Use ( $P_n$ )	110 kW
Output Voltage Maximum	600 V
Package Level 1 Depth / Length	1145 mm
Package Level 1 Gross Weight	14 kg
Package Level 1 Height	630.00 mm 24.803 in
Package Level 1 Width	485.00 mm 19.094 in
Package Level 2 Depth / Length	45.079 in
Package Level 2 Gross Weight	30.865 lb
Package Level 2 Height	24.803 in
Package Level 2 Width	19.094 in
Product Main Type	ACS580-01
Product Name	Frequency converter
Product Net Depth / Length	393.00 mm 15.472 in
Product Net Height	0 mm
Product Net Weight	69.00 kg 152.119 lb
Product Net Width	300.00 mm 11.811 in
Product Type	ACS580-01
Quote Only	No
Selling Unit of Measure	piece

Short Description	ACS580-01-144A-6 PN: 110 kW, IN: 144 A
Sound dB (A)	65 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)