



## PRODUCT-DETAILS

**ACS550-01-059A-4**

ACS550-01-059A-4,59A,380V,IP21

**General Information**

Global Commercial Alias:	ACS550-01-059A-4
Product ID:	3AUA0000002546-D
ABB Type Designation:	ACS550-01-059A-4
Catalog Description:	ACS550-01-059A-4,59A,380V,IP21
Long Description:	ACS550-01-059A-4,59A,380V,IP21
Display Name:	ACS550-01-059A-4

**Electrical Data**

Temp Class	Network Freq	Network Voltage	Power	Current
--	50/60 Hz	380-480 V	30.00 kW	59.00 A

**Ordering**

Customs Tariff Number:	85044099
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**HS Code:** 850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES; Electrical transformers, static converters (for example, rectifiers) and inductors; Static converters

<b>Invoice Description:</b>	ACS550-01-059A-4,59A,380V,IP21
<b>Made To Order:</b>	No
<b>Minimum Order Quantity:</b>	1 piece
<b>Order Multiple:</b>	1 piece
<b>Quote Only:</b>	No
<b>Selling Unit of Measure:</b>	piece

## Dimensions

<b>Product Net Weight:</b>	26 kg
<b>Product Net Depth / Length:</b>	800 mm
<b>Product Net Height:</b>	410 mm
<b>Product Net Width:</b>	310 mm
<b>Package Level 1 Depth / Length:</b>	800 mm
<b>Package Level 1 Height:</b>	400 mm
<b>Package Level 1 Width:</b>	300 mm

## Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	294 W	0.7 %	88.0 %
0 / 50 %	404 W	1.0 %	91.2 %
0 / 100 %	741 W	1.8 %	91.8 %
50 / 25 %	325 W	0.8 %	93.3 %
50 / 50 %	466 W	1.1 %	94.9 %
50 / 100 %	879 W	2.2 %	95.2 %
90 / 50 %	523 W	1.3 %	96.8 %
90 / 100 %	1051 W	2.6 %	96.7 %

<b>Number of Phases:</b>	3-phase
<b>Degree of Protection:</b>	IP21
<b>Enclosure Type NEMA:</b>	Type1
<b>Frequency (f):</b>	47.5 ... 63 Hz
<b>Frame Size:</b>	R4
<b>Input Voltage (U<sub>in</sub>):</b>	380 ... 480 V
<b>Mounting Type:</b>	Wall-mounted_NO UNIT\$
<b>Output Current, Normal Use (I<sub>n</sub>):</b>	59 A

Output Current, Heavy-Duty Use ( $I_{HD}$ ):	45 A
Output Power, Normal Use ( $P_n$ ):	30 kW
Output Power, Heavy-Duty Use ( $P_{HD}$ ):	22 kW
Efficiency Level:	IE2

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### Environmental

WEEE Category:	4. Large Equipment (Any External Dimension More Than 50 cm)
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### External Classifications and Standards

UNSPSC:	39122001
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### Categories

Products > Drives > Low Voltage AC Drives > Legacy AC Drives > ACS550-01 - Wall-mounted drive

