



PRODUCT-DETAILS

**3AUA0000009167**

**FREQUENCY CONVERTER**

**General Information**

Product ID	3AUA0000009167
ABB Type Designation	ACH550-01-178A-2
EAN	6410038042134
Catalog Description	FREQUENCY CONVERTER
Long Description	ACH550-01-178A-2

**Complete Drive Module Efficiency (61800-9-2)**

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	451 W	0.6 %	89.5 %
0 / 50 %	630 W	0.9 %	92.2 %
0 / 100 %	1159 W	1.6 %	92.7 %
50 / 25 %	490 W	0.7 %	94.3 %
50 / 50 %	713 W	1.0 %	95.6 %
50 / 100 %	1345 W	1.9 %	95.8 %
90 / 50 %	835 W	1.2 %	97.1 %
90 / 100 %	1641 W	2.3 %	97.1 %

**Electrical Data**

**Ordering**

Customs Tariff Number	85044084
EAN	6410038042134
Quote Only	No
Made To Order	No
Part Type	New
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

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## Container Information

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Gross Volume	0.076 m <sup>3</sup>
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## Dimensions

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Product Net Height	880 mm
Product Net Length	400 mm
Product Net Weight	69 kg
Product Net Width	300 mm

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## Technical

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Enclosure Class	IP21
Frequency (f)	48 ... 63 Hz
Input Voltage (U <sub>in</sub> )	208 ... 240 V
IP Class	IP21
Mounting Type	Wall Mounting
Number of Phases	3
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

Two Speed Motor	No
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## Additional Information

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Product Main Type	ACH550
Product Name	FREQUENCY CONVERTER

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## Classifications

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Product Series	ACH550-01
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## Categories

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Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for HVAC → ACH550-01 - Wall-mounted drive for HVAC