

PRODUCT-DETAILS

# 3AUA0000004421

## FREQUENCY CONVERTER



### General Information

Product ID	3AUA0000004421
ABB Type Designation	ACH550-01-012A-4
EAN	6410038055486
Catalog Description	FREQUENCY CONVERTER
Long Description	ACH550-01-012A-4

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

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	58 W	0.7 %	88.2 %
0 / 50 %	76 W	0.9 %	91.7 %
0 / 100 %	131 W	1.6 %	92.8 %
50 / 25 %	63 W	0.8 %	93.5 %
50 / 50 %	84 W	1.0 %	95.4 %
50 / 100 %	151 W	1.8 %	95.9 %
90 / 50 %	93 W	1.1 %	97.1 %
90 / 100 %	180 W	2.2 %	97.2 %

### Ordering

Customs Tariff Number	85044088
-----------------------	----------

EAN	6410038055486
Replaced Product ID (OLD)	3AUA0000004420
Quote Only	No
Made To Order	No
Part Type	New
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

## Container Information

Gross Volume	0.044 m <sup>3</sup>
--------------	----------------------

## Dimensions

Product Net Height	369 mm
Product Net Length	212 mm
Product Net Weight	6.5 kg
Product Net Width	125 mm

## Technical

Enclosure Class	IP21
Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	380 ... 480 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
Communication Protocol	BACNET MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems

## Additional Information

Product Main Type	ACH550
Product Name	FREQUENCY CONVERTER

## Classifications

Product Series	ACH550-01
----------------	-----------

---

## Categories

---

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

