



PRODUCT-DETAILS

3AUA0000004412

FREQUENCY CONVERTER

General Information

Product ID	3AUA0000004412
ABB Type Designation	ACH550-01-046A-2
EAN	6410038103644
Catalog Description	FREQUENCY CONVERTER
Long Description	ACH550-01-046A-2

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	171 W	0.9 %	85.1 %
0 / 50 %	243 W	1.3 %	88.6 %
0 / 100 %	491 W	2.7 %	88.4 %
50 / 25 %	177 W	1.0 %	92.0 %
50 / 50 %	255 W	1.4 %	93.9 %
50 / 100 %	512 W	2.8 %	93.9 %
90 / 50 %	279 W	1.5 %	96.2 %
90 / 100 %	543 W	2.9 %	96.3 %

Electrical Data

Ordering

Customs Tariff Number	85044084
EAN	6410038103644
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	0.081 m ³
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Dimensions

Product Net Height	583 mm
Product Net Length	231 mm
Product Net Weight	16 kg
Product Net Width	203 mm

Technical

Enclosure Class	IP21
Frequency (f)	48 ... 63 Hz
Input Voltage (U _{in})	208 ... 240 V
IP Class	IP21
Mounting Type	Wall Mounting
Number of Phases	3
Technical Information	<p>Following options are available only as loose options. Please add them separately to shopping cart.</p> <p>3AUA000002040 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</p>

Two Speed Motor	No
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Additional Information

Product Main Type	ACH550
Product Name	FREQUENCY CONVERTER

Classifications

Product Series	ACH550-01
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Categories

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