

PRODUCT-DETAILS

3AUA0000004424

FREQUENCY CONVERTER



General Information

Product ID	3AUA0000004424
ABB Type Designation	ACH550-01-031A-4
EAN	6410038055516
Catalog Description	FREQUENCY CONVERTER
Long Description	ACH550-01-031A-4

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	152 W	0.7 %	88.2 %
0 / 50 %	202 W	0.9 %	91.6 %
0 / 100 %	354 W	1.6 %	92.5 %
50 / 25 %	166 W	0.8 %	93.5 %
50 / 50 %	230 W	1.1 %	95.2 %
50 / 100 %	412 W	1.9 %	95.7 %
90 / 50 %	250 W	1.2 %	97.1 %
90 / 100 %	503 W	2.3 %	97.0 %

Ordering

Customs Tariff Number	85044088
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EAN	6410038055516
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)	50/60 Hz
Input Voltage (U _{in})	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
ETIM 7	EC001857 - Frequency converter =< 1 kV

Categories

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

