



PRODUCT-DETAILS

3AUA0000015783

FREQUENCY CONVERTER

General Information

Product ID	3AUA0000015783
ABB Type Designation	ACH550-01-246A-4+B055
EAN	6410038103972
Catalog Description	FREQUENCY CONVERTER
Long Description	ACH550-01-246A-4+B055

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	611 W	0.4 %	93.8 %
0 / 50 %	907 W	0.5 %	95.2 %
0 / 100 %	1733 W	1.0 %	95.3 %
50 / 25 %	697 W	0.4 %	96.5 %
50 / 50 %	1090 W	0.6 %	97.1 %
50 / 100 %	2162 W	1.3 %	97.1 %
90 / 50 %	1380 W	0.8 %	98.0 %
90 / 100 %	2851 W	1.7 %	97.9 %

Ordering

Customs Tariff Number	85044088
EAN	6410038103972
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	0.342 m ³
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Dimensions

Product Net Height	1330 mm
Product Net Length	440 mm
Product Net Weight	86 kg
Product Net Width	585 mm

Technical

Enclosure Class	IP54
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall Mounting
Number of Phases	3

Technical Information 400V 246A IP54
 Following options are available only as loose options.
 Please add them separately to shopping cart.

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

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