

PRODUCT-DETAILS

3AUA0000004427

FREQUENCY CONVERTER



General Information

Product ID	3AUA0000004427
ABB Type Designation	ACH550-01-059A-4
EAN	6410038055547
Catalog Description	FREQUENCY CONVERTER
Long Description	ACH550-01-059A-4

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	294 W	0.7 %	88.0 %
0 / 50 %	404 W	1.0 %	91.2 %
0 / 100 %	741 W	1.8 %	91.8 %
50 / 25 %	325 W	0.8 %	93.3 %
50 / 50 %	466 W	1.1 %	94.9 %
50 / 100 %	879 W	2.2 %	95.2 %
90 / 50 %	523 W	1.3 %	96.8 %
90 / 100 %	1051 W	2.6 %	96.7 %

Ordering

Customs Tariff Number	85044088
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EAN	6410038055547
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	0.099 m³
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Dimensions

Product Net Height	689 mm
Product Net Length	262 mm
Product Net Weight	24 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

