

PRODUCT-DETAILS

3AUA0000004379

FREQUENCY CONVERTER



General Information

Product ID	3AUA0000004379
ABB Type Designation	ACH550-01-012A-4+B055
EAN	6410038055660
Catalog Description	FREQUENCY CONVERTER
Long Description	ACH550-01-012A-4+B055

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	64 W	0.8 %	87.2 %
0 / 50 %	82 W	1.0 %	91.1 %
0 / 100 %	136 W	1.7 %	92.5 %
50 / 25 %	69 W	0.8 %	93.0 %
50 / 50 %	90 W	1.1 %	95.1 %
50 / 100 %	157 W	1.9 %	95.7 %
90 / 50 %	99 W	1.2 %	97.0 %
90 / 100 %	185 W	2.2 %	97.1 %

Electrical Data

Ordering

Customs Tariff Number	85044088
EAN	6410038055660
Replaced Product ID (OLD)	3AUA0000004378 3AUA0000044989 3AUA0000004619
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	0.068 m ³
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Dimensions

Product Net Height	298 mm
Product Net Length	420 mm
Product Net Weight	8 kg
Product Net Width	544 mm

Technical

Enclosure Class	IP54
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	380 ... 480 V
IP Class	IP54
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

Where Used (as part of "kit")

Identifier	Description	Type
3AUA0000044989	ACH550-01-012A-4+B055+F278; ACH550 ACH550-01-012A-4+B055+F278 Pn 5,5kW, I2n 12A IP54	Kit

Categories

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

