

PRODUCT-DETAILS

3AUA0000004381

FREQUENCY CONVERTER



General Information

| | |
|----------------------|-----------------------|
| Product ID | 3AUA0000004381 |
| ABB Type Designation | ACH550-01-023A-4+B055 |
| EAN | 6410038055684 |
| Catalog Description | FREQUENCY CONVERTER |
| Long Description | ACH550-01-023A-4+B055 |

Complete Drive Module Efficiency (61800-9-2)

| Operating Point Frequency / Current | Absolute Loss | Relative Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 % | 128 W | 0.8 % | 86.8 % |
| 0 / 50 % | 168 W | 1.1 % | 90.7 % |
| 0 / 100 % | 293 W | 1.8 % | 91.7 % |
| 50 / 25 % | 138 W | 0.9 % | 92.7 % |
| 50 / 50 % | 187 W | 1.2 % | 94.8 % |
| 50 / 100 % | 338 W | 2.1 % | 95.3 % |
| 90 / 50 % | 206 W | 1.3 % | 96.7 % |
| 90 / 100 % | 408 W | 2.6 % | 96.8 % |

Ordering

| | |
|-----------------------|----------|
| Customs Tariff Number | 85044088 |
|-----------------------|----------|

| | |
|---------------------------|----------------|
| EAN | 6410038055684 |
| Replaced Product ID (OLD) | 3AUA0000044991 |
| 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

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|--------------|----------------------|
| Gross Volume | 0.085 m ³ |
|--------------|----------------------|

Dimensions

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|--------------------|--------|
| Product Net Height | 298 mm |
| Product Net Length | 431 mm |
| Product Net Weight | 11 kg |
| Product Net Width | 644 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 |
|----------------|-----------|

Where Used (as part of "kit")

| Identifier | Description | Type |
|----------------|---|------|
| 3AUA0000044991 | ACH550-01-023A-4+B055+F278; ACH550 ACH550-01-023A-4+B055+F278 Pn 11kW, I2n 23A IP54 | Kit |

Categories

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

