

PRODUCT-DETAILS

# 3AUA0000007125

## FREQUENCY CONVERTER



### General Information

Product ID	3AUA0000007125
ABB Type Designation	ACS550-01-178A-2
EAN	6410038042035
Catalog Description	FREQUENCY CONVERTER
Long Description	ACS550-01-178A-2

### Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	451 W	0.6 %	89.5 %
0 / 50 %	630 W	0.9 %	92.2 %
0 / 100 %	1159 W	1.6 %	92.7 %
50 / 25 %	490 W	0.7 %	94.3 %
50 / 50 %	713 W	1.0 %	95.6 %
50 / 100 %	1345 W	1.9 %	95.8 %
90 / 50 %	835 W	1.2 %	97.1 %
90 / 100 %	1641 W	2.3 %	97.1 %

### Electrical Data

---

**Ordering**


---

Customs Tariff Number	85044084
EAN	6410038042035
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	0.076 m <sup>3</sup>
--------------	----------------------

---



---

**Dimensions**


---

Product Net Height	620 mm
Product Net Length	1100 mm
Product Net Weight	69 kg
Product Net Width	550 mm

---



---

**Technical**


---

Enclosure Class	IP21
Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	208 ... 240 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	MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems

---



---

**Additional Information**


---

Product Main Type	ACS550
Product Name	FREQUENCY CONVERTER

---

---

## Classifications

---

Product Series

ACS550-01

ETIM 7

EC001857 - Frequency converter =< 1 kV

---

---

## Categories

---

Drives → Low Voltage AC Drives → General Purpose Drives → ACS550-01 - Wall-mounted drive

