

PRODUCT-DETAILS

# 3AUA0000003383

## FREQUENCY CONVERTER



### General Information

|                      |                     |
|----------------------|---------------------|
| Product ID           | 3AUA0000003383      |
| ABB Type Designation | ACS550-01-088A-2    |
| EAN                  | 6410038103224       |
| Catalog Description  | FREQUENCY CONVERTER |
| Long Description     | ACS550-01-088A-2    |

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

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 %                               | 241 W            | 0.7 %            | 88.5 %     |
| 0 / 50 %                               | 339 W            | 1.0 %            | 91.4 %     |
| 0 / 100 %                              | 648 W            | 1.8 %            | 91.7 %     |
| 50 / 25 %                              | 263 W            | 0.7 %            | 93.6 %     |
| 50 / 50 %                              | 386 W            | 1.1 %            | 95.1 %     |
| 50 / 100 %                             | 765 W            | 2.2 %            | 95.1 %     |
| 90 / 50 %                              | 466 W            | 1.3 %            | 96.7 %     |
| 90 / 100 %                             | 939 W            | 2.7 %            | 96.6 %     |

### Electrical Data

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**Ordering**


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|                         |               |
|-------------------------|---------------|
| Customs Tariff Number   | 85044084      |
| EAN                     | 6410038103224 |
| Quote Only              | No            |
| Made To Order           | No            |
| Part Type               | New           |
| Selling Unit of Measure | piece         |
| Minimum Order Quantity  | 1 piece       |
| Order Multiple          | 1 piece       |

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**Container Information**


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|              |                      |
|--------------|----------------------|
| Gross Volume | 0.099 m <sup>3</sup> |
|--------------|----------------------|

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**Dimensions**


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|                    |        |
|--------------------|--------|
| Product Net Height | 689 mm |
| Product Net Length | 262 mm |
| Product Net Weight | 24 kg  |
| Product Net Width  | 203 mm |

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**Technical**


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|                                  |  |
|----------------------------------|--|
| 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.<br>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<br>LON<br>DeviceNet<br>PROFIBUS<br>CAN<br>EtherNet/IP<br>PROFINET IO<br>TCP/IP<br>Other Bus Systems |

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**Additional Information**


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|-------------------|---------------------|
| Product Main Type | ACS550              |
| Product Name      | FREQUENCY CONVERTER |

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**Classifications**


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Product Series

ACS550-01

ETIM 7

EC001857 - Frequency converter =< 1 kV

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## Categories

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

