SIEMENS

# Data sheet for SINAMICS G110

## Ordering data

**6SL3211-0AB23-0AA1**



Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

## Rated data

### Input

| | |
|---|---|
| **Number of phases** | 1 AC |
| **Line voltage** | 200 ... 240 V ±10 % |
| **Line frequency** | 47 ... 63 Hz |
| **Rated current** | 35.60 A |

### Output

| | |
|---|---|
| **Number of phases** | 3 AC |
| **Rated power** | 3.00 kW |
| **Rated current (IN)** | 13.60 A |
| **Pulse frequency** | 8 kHz |
| **Output frequency for V/f control** | 0 ... 650 Hz |

Due to legal restrictions a limitation to 550 Hz is under preparation

## General tech. specifications

| | |
|---|---|
| **Offset factor cos φ** | 0.95 |

## Communication

| | |
|---|---|
| **Communication** | RS485 |

## Mechanical data

| | |
|---|---|
| **Degree of protection** | IP20 |
| **Size** | FSC |
| **Net weight** | 2.20 kg |
| **Width** | 184.0 mm |
| **Height** | 181.0 mm |
| **Depth** | 152.0 mm |

## Ambient conditions

| | |
|---|---|
| **Installation altitude** | 1000 m |

### Ambient temperature

| | |
|---|---|
| **Operation** | -10 ... 40 °C |
| **Storage** | -40 ... 70 °C |

### Relative humidity

| | |
|---|---|
| **Max. operation** | 95 % Condensation not permissible |

## Closed-loop control techniques

| | |
|---|---|
| **V/f linear / square-law / parameterizable** | Yes |

## Standards

| | |
|---|---|
| **Compliance with standards** | UL, cUL, CE, C-Tick |
| **CE marking** | Low-Voltage Directive 2006/95/EC |

## Inputs/ outputs

### Standard digital inputs

| | |
|---|---|
| **Number** | 3 |

### Analog/ digital inputs

| | |
|---|---|
| **Number** | 1 (Analog variant, for setpoint (0...10 V, can be scaled or used as 4th digital input)) |

### Analog/ digital inputs

| | |
|---|---|
| **Number** | 1 (Isolated optocoupler output, NPN type) |

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.



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