SIEMENS

# Data sheet for SINAMICS G110

## Article No. : 6SL3211-0AB13-7UA1



Figure similar

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 | 6.20 A |
| **Output** | |
| Number of phases | 3 AC |
| Rated power | 0.37 kW |
| Rated current (IN) | 2.30 A |
| Pulse frequency | 8 kHz |
| Output frequency for V/f control | 0 ... 650 Hz |
| As a result of legal stipulations, a limit to 550 Hz is in production | |

### General tech. specifications

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

### Communication

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

### Mechanical data

| | |
|---|---|
| Degree of protection | IP20 / UL open type |
| Frame size | FSA |
| Net weight | 0.70 kg |
| Width | 90.0 mm |
| Height | 150.0 mm |
| Depth | 116.0 mm |

### Ambient conditions

| | |
|---|---|
| Installation altitude | 1,000 m |
| **Ambient temperature** | |
| Operation | -10 ... 40 °C |
| Storage | -40 ... 70 °C |
| **Relative humidity** | |
| Max. operation | 95 % condensation not permitted |

### Closed-loop control techniques

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

### Standards

| | |
|---|---|
| Compliance with standards | UL, cUL, CE, C-Tick (RCM) |
| CE marking | Low-voltage directive 2006/95/EC |

### Inputs / outputs

| | |
|---|---|
| **Digital inputs** | |
| Number | 3 |
| **Analog inputs** | |
| Number | 1 (Analog variant, for setpoint (0...10 V, can be scaled or used as 4th digital input)) |
| **Digital outputs** | |
| Number | 1 (Isolated optocoupler output, NPN type) |

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens