SIEMENS

Data sheet for SINAMICS G110



Ordering data

6SL3211-0AB12-5UA1

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	4.50 A

Output

Number of phases	3 AC
Rated power	0.25 kW
Rated current (IN)	1.70 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	FSA
Net weight	0.70 kg
Width	90.0 mm
Height	150.0 mm
Depth	116.0 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.