SIEMENS

Data sheet for SINAMICS G110

MLFB-Ordering data   6SL3211-0AB12-5UA1

Figure similar

Client order no. :   Item no. :
Order no. :   Consignment no. :
Offer no. :   Project :
Remarks :

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

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
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 ℃
Storage	-40 ... 70 ℃

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)

Generated Tue Jun 20 12:39:46 CEST 2017