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Data sheet for SINAMICS G110

Article No. : 6SL3211-0AB12-5BA1



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	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 / UL open type
Frame size	FSA
Net weight	0.80 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