SIEMENS

Data sheet for SINAMICS G110

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

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 / UL open type
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)

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