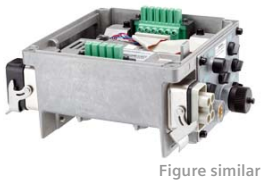


SIEMENS

Data sheet for SINAMICS G110M

MLFB-Ordering data 6SL3544-0TB02-1PA0



Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Electrical data		Ambient conditions	
Operating voltage via		Ambient temperature	
External power supply	DC 20 ... 28 V	Operation	-10 ... 55 °C (14 ... 131 °F)
Max. power consumption	0.23 A	Storage	-40 ... 70 °C (-40 ... 158 °F)
Inputs / outputs		Relative humidity	
Standard digital inputs		Max. operation	95 % RH, condensation not permitted
Number	4	Communication	
Switching level: 0 → 1	11 V	Communication	PROFIBUS DP
Switching level: 1 → 0	5 V	Closed-loop control techniques	
Fail-safe digital inputs		V/f linear / square-law / parameterizable	Yes
Number	1 (Use of 2 × DI Standard)	V/f with flux current control (FCC)	Yes
Digital outputs		V/f ECO linear / square-law	Yes
Number as relay changeover contact	0	Sensorless vector control	Yes
Analog / digital inputs		Vector control, with sensor	No
Number	2 (unipolar input)	Encoderless torque control	Yes
Connections		Torque control, with encoder	No
Line side		Mechanical data	
Version	HAN Q4/2 (connector)	Degree of protection	IP65
Conductor cross-section	1.00 ... 2.50 mm² (18 ... 14 AWG)	Net weight	1.85 kg
PE connection	On housing with M5 screw	Width	216.0 mm
Motor end		Height	105.0 mm
Version	Screw-type terminals	Depth	171.0 mm
Conductor cross-section	1.00 ... 2.50 mm² (18 ... 14 AWG)		
Max. motor cable length			
Shielded	5 m		