SIEMENS

Data sheet for SINAMICS G110M

Article No. : **6SL3544-0TB02-1FA0**



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data

Operating voltage via	
External power supply	DC 20 ... 28 V
Max. power consumption	0.29 A

Inputs / outputs

Standard digital inputs	
Number	4
Switching level: 0→1	11 V
Switching level: 1→0	5 V
Fail-safe digital inputs	
Number	1 (Use of 2 × DI Standard)
Digital outputs	
Number as relay changeover contact	0
Analog / digital inputs	
Number	2 (unipolar input)

Connections

Line side	
Version	HAN Q4/2 (connector)
Conductor cross-section	1.00 ... 2.50 mm² (18 ... 14 AWG)
PE connection	On housing with M5 screw
Motor end	
Version	Screw-type terminals
Conductor cross-section	1.00 ... 2.50 mm² (18 ... 14 AWG)
Max. motor cable length	
Shielded	5 m

Ambient conditions

Ambient temperature	
Operation	-10 ... 55 °C (14 ... 131 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)
Relative humidity	
Max. operation	95 % RH, condensation not permitted

Communication

Communication	PROFINET, EtherNet/IP

Closed-loop control techniques

V/f linear / square-law / parameterizable	Yes
V/f with flux current control (FCC)	Yes
V/f ECO linear / square-law	Yes
Sensorless vector control	Yes
Vector control, with sensor	No
Encoderless torque control	Yes
Torque control, with encoder	No

Mechanical data

Degree of protection	IP65
Net weight	1.85 kg
Width	216.0 mm
Height	105.0 mm
Depth	171.0 mm

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens