

Data sheet for SINAMICS G120D

Article No. : 6SL3546-0FB21-1FA0



Figure similar

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

Item no. :
Consignment no. :
Project :

Electrical data

Operating voltage via

External power supply DC 24 V

Communication

Communication PROFINET, EtherNet/IP, PROFIsave

Inputs / outputs

Standard digital inputs

Number 6 (non-isolated)

Fail-safe digital inputs

Number 3 (optionally parameterizable as safe inputs)

Digital outputs

Number 2 (0.5 A, fed through switched 24 V DC, isolated)

Fail-safe digital outputs

Number 1 (optionally parameterizable as safe digital output)

Closed-loop control techniques

V/f linear / square-law / parameterizable Yes

V/f with flux current control (FCC) Yes

Sensorless vector control Yes

Ambient conditions

Ambient temperature

Operation 0 ... 50 °C (32 ... 122 °F)

Storage -40 ... 70 °C (-40 ... 158 °F)

Relative humidity

Max. operation 95 % at 40 °C (104 °F); RH, condensation not permitted

Technology

Positioning functionality Yes

Design of the interface M12 plug

Mechanical data

Degree of protection IP65 / UL type 3

Net weight 0.8 kg (1.77 lb)

Dimensions

Width 153 mm (6.02 in)

Height 208 mm (8.19 in)

Depth 55 mm (2.17 in)

Standards

Compliance with standards UL 508C (UL list number E121068), cUL, CE, RCM

CE marking Low-voltage directive 2014/35/EC

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