

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SL3244-0BB12-1PA1

PROFIBUS DRIVE CONTROL UNIT

Used with the applicable SINAMICS G120 CU240E-2 DP configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6SL3244-0BB12-1PA1 product technical data; pages 1



Figure similar

MLFB-Ordering data

6SL3244-0BB12-1PA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Electrical data

Operating voltage via

The Power Module DC 24 V

External power supply DC 20 ... 29 V

Max. power consumption 0.50 A

Power loss 5.50 W

Inputs / outputs

Standard digital inputs

Number 6

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 2

Analog / digital inputs

Number 2 (Differential input)

Analog outputs

Number 2 (Non-isolated output)

Connections

Signal cable

Conductor cross-section 0.05 ... 1.50 mm² (30 ... 16 AWG)

Ambient conditions

Ambient temperature

Operation -10 ... 55 °C (14 ... 131 °F)

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

Relative humidity

Max. operation 95 %

Communication

Communication PROFIBUS DP

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

Standards

Compliance with standards UL, cUL, CE, C-Tick (RCM)

CE marking Low-voltage directive 2006/95/EC

Mechanical data

Degree of protection IP20

Net weight 0.49 kg

Width 73.0 mm

Height 199.0 mm

Depth 46.0 mm