



Figure similar

MLFB-Ordering data

6SL3244-0BB12-1PA1

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

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

Ambient conditions

Ambient temperature

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

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

Relative humidity

Max. operation 95 %

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 (AWG 28 ... AWG 16)

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 CE, UL, cUL, RCM, SEMI F47

CE marking Low-voltage directive 2014/35/EC

Mechanical data

Degree of protection IP20 / UL open type

Net weight 0.49 kg (1.08 lb)

Width 73.0 mm (2.87 in)

Height 199.0 mm (7.83 in)

Depth 46.0 mm (1.81 in)