



Ordering data

6SL3244-0BB12-1FA0

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 0.5 A

Power loss 5.5 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 x 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 PROFINET

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 IP20

Net weight 0.5 kg

Width 73 mm

Height 199 mm

Depth 46 mm