



Figure similar

MLFB-Ordering data

6SL3244-0BB12-1BA1

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

### 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 mm<sup>2</sup> (AWG 28 ... AWG 16)

### 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 RS485

### 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)