

MLFB-Ordering data

6SL3544-0MB02-1BA0

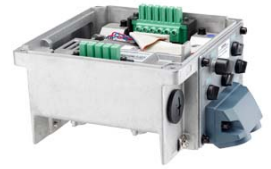


Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

### Electrical data

#### Operating voltage via

External power supply DC 20 ... 28 V

Max. power consumption 0.23 A

### Inputs / outputs

#### Standard digital inputs

Number 4

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 0

#### Analog / digital inputs

Number 2 (unipolar input)

### Connections

#### Line side

Version Cable gland/Screw-type terminal

Conductor cross-section 1.00 ... 2.50 mm<sup>2</sup> (18 ... 14 AWG)

PE connection On housing with M5 screw

#### Motor end

Version Screw-type terminals

Conductor cross-section 1.00 ... 2.50 mm<sup>2</sup> (18 ... 14 AWG)

#### Max. motor cable length

Shielded 5 m

### Ambient conditions

#### Ambient temperature

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

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

#### Relative humidity

Max. operation 95 % RH, condensation not permitted

### 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

### Mechanical data

Degree of protection IP66

Net weight 1.75 kg

Width 205.0 mm

Height 105.0 mm

Depth 171.0 mm