

MLFB-Ordering data

6SL3544-0LB02-1BA0

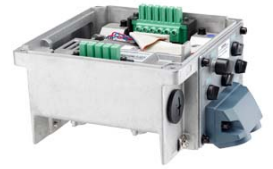


Figure similar

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)
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#### Digital outputs

Number as relay changeover contact	0
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#### Analog / digital inputs

Number	2 (unipolar input)
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### 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
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### 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
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### Communication

Communication	RS485
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### 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