

MLFB-Ordering data

6SL3544-0QB02-1FA0

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 0.29 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 HAN Q4/2 (connector)

Conductor cross-section 1.00 ... 2.50 mm² (18 ... 14 AWG)

PE connection On housing with M5 screw

Motor end

Version Screw-type terminals

Conductor cross-section 1.00 ... 2.50 mm² (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 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 IP65

Net weight 1.85 kg

Width 216.0 mm

Height 105.0 mm

Depth 171.0 mm