



Figure similar

MLFB-Ordering data

6SL3546-0FB21-1FA0

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

### Electrical data

#### Operating voltage via

External power supply DC 24 V

### Inputs / outputs

#### Standard digital inputs

Number 6 (non-isolated)

#### Fail-safe digital inputs

Number 3 (optionally parameterizable as safe inputs)

#### Digital outputs

Number 2 (0.5 A, fed through switched 24 V DC, isolated)

#### Fail-safe digital outputs

Number 1 (optionally parameterizable as safe digital output)

### Ambient conditions

#### Ambient temperature

Operation 0 ... 50 °C (32 ... 122 °F)

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

#### Relative humidity

Max. operation 95 % at 40°C (104°F); RH, condensation not permitted

### Communication

Communication PROFINET / EtherNet/IP, PROFIsave

### Closed-loop control techniques

V/f linear / square-law / parameterizable Yes

V/f with flux current control (FCC) Yes

Sensorless vector control Yes

### Technology

Positioning functionality Yes

Design of the interface M12 plug

### Mechanical data

Degree of protection IP65 / UL type 3

Net weight 0.8 kg (1.77 lb)

Width 153 mm (6.02 in)

Height 208 mm (8.19 in)

Depth 55 mm (2.17 in)

### Standards

Compliance with standards UL 508C (UL list number E121068), cUL, CE, RCM

CE marking Low-voltage directive 2014/35/EC