



Figure similar

MLFB-Ordering data

6SL3546-0FB21-1PA0

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 ... 55 °C (32 ... 131 °F)

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

Relative humidity

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

Communication

Communication PROFIBUS DP, 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