



### Ordering data

6SL3246-0BA22-1FA0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

### Electrical data

#### Operating voltage via

The Power Module DC 24 V

External power supply DC 20 ... 29 V

Max. power consumption 2.00 A

Power loss 12.00 W

### Inputs/ outputs

#### Standard digital inputs

Number 15

Switching level: 0→1 11 V

Switching level: 1→0 5 V

#### Fail-safe digital inputs

Number 3 (Use of 2 x DI Standard)

#### Digital outputs

Number as relay changeover contact 2

Output (resistive load) DC 30 V, 1 A

Output (resistive load) DC 30 V, 1 A

#### Analog/ digital inputs

Number 2 (Differential input)

#### Analog outputs

Number 2 (Non-isolated output)

### Connections

#### Signal cable

Conductor cross-section 0.05 ... 1.50 mm<sup>2</sup> (30 ... 16 AWG)

### Ambient conditions

#### Ambient temperature

Operation -10 ... 50 °C (14 ... 122 °F)

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

#### Relative humidity

Max. operation 95 %

### 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 Yes

Encoderless torque control Yes

Torque control, with encoder Yes

### Standards

Compliance with standards UL, cUL, CE, C-Tick (RCM)

CE marking

Low-voltage directive 2006/95/EC

### Mechanical data

Degree of protection IP20

Net weight 0.61 kg

Width 73.0 mm

Height 199.0 mm

Depth 67.0 mm