



Ordering data

6SL3244-0BB12-1BA1

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	0.50 A
Power loss	5.50 W

Inputs/ outputs

Standard digital inputs

Number	6
Switching level: 0→1	11 V
Switching level: 1→0	5 V

Fail-safe digital inputs

Number	1 (Use of 2 x DI Standard)
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Digital outputs

Number as relay changeover contact	2
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Analog/ digital inputs

Number	2 (Differential input)
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Analog outputs

Number	2 (Non-isolated output)
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Connections

Signal cable

Conductor cross-section	0.05 ... 1.50 mm ² (30 ... 16 AWG)
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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 %
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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

Standards

Compliance with standards	UL, cUL, CE, C-Tick
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CE marking

Low-Voltage Directive 2006/95/EC

Mechanical data

Degree of protection	IP20
Net weight	0.49 kg
Width	73.0 mm
Height	199.0 mm
Depth	46.0 mm