



Ordering data

6SL3244-0BB00-1BA1

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

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 | 4 |
| Switching level: 0→1 | 11 V |
| Switching level: 1→0 | 5 V |

Fail-safe digital inputs

| | |
|--------|---|
| Number | 0 |
|--------|---|

Digital outputs

| | |
|------------------------------------|---|
| Number as relay changeover contact | 1 |
|------------------------------------|---|

Analog/ digital inputs

| | |
|--------|------------------------|
| Number | 1 (Differential input) |
|--------|------------------------|

Analog outputs

| | |
|--------|-------------------------|
| Number | 1 (Non-isolated output) |
|--------|-------------------------|

Connections

Signal cable

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

Ambient conditions

Ambient temperature

| | |
|-----------|--------------------------------|
| Operation | -10 ... 55 °C (14 ... 131 °F) |
| Storage | -40 ... 70 °C (-40 ... 158 °F) |

Relative humidity

| | |
|----------------|------|
| Max. operation | 95 % |
|----------------|------|

Communication

| | |
|---------------|-------|
| Communication | RS485 |
|---------------|-------|

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 |
|---------------------------|---------------------|

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 |