



Figure similar

Data sheet for SINAMICS Control unit CU240E-2 PN

Article No. : 6SL3244-0BB12-1FA0

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 | 0.50 A |
| Power loss | 5.50 W |

Communication

Communication PROFINET, EtherNet/IP

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 × DI Standard) |
|--------|----------------------------|

Digital outputs

as relay changer

| | |
|--------|---|
| Number | 2 |
|--------|---|

Analog / digital inputs

| | |
|--------|------------------------|
| Number | 2 (Differential input) |
|--------|------------------------|

Analog outputs

| | |
|--------|-------------------------|
| Number | 2 (Non-isolated output) |
|--------|-------------------------|

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 |

Ambient conditions

Ambient temperature

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

Relative humidity

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

Connections

Signal cable

| | |
|-------------------------|--|
| Conductor cross-section | 0.05 ... 1.50 mm ² (AWG 28 ... AWG 16) |
|-------------------------|--|

Mechanical data

Degree of protection IP20 / UL open type

Net weight 0.49 kg (1.08 lb)

Dimensions

| | |
|--------|--------------------|
| Width | 73.0 mm (2.87 in) |
| Height | 199.0 mm (7.83 in) |
| Depth | 46.0 mm (1.81 in) |

Standards

Compliance with standards CE, UL, cUL, RCM, SEMI F47

CE marking Low-voltage directive 2014/35/EC