

## Data sheet for SINAMICS Control unit CU240E-2 PN

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



Figure similar

Client order no. :  
Order no. :  
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### 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<sup>2</sup>  
(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