

## Data sheet for SINAMICS Control unit CU230P-2 PN

Article No. : 6SL3243-0BB30-1FA0

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :



Figure similar

### 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
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### Inputs / outputs

#### Standard digital inputs

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

#### Fail-safe digital inputs

Number	0
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#### Digital outputs

##### as relay changer

Number	2
Output (inductive load)	DC 250 V, 2 A
Output (resistive load)	DC 30 V, 0.5 A

##### as relay make contact

Number	1
Output (resistive load)	DC 30 V, 0.5 A

#### Analog / digital inputs

Number	2 (Differential input)
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#### Analog outputs

Number	2 (Non-isolated output)
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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

### Ambient conditions

#### Ambient temperature

Operation	-10 ... 60 °C (14 ... 140 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)

#### Relative humidity

Max. operation	95 %
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### Connections

#### Signal cable

Conductor cross-section	0.15 ... 1.50 mm <sup>2</sup> (AWG 24 ... AWG 16)
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### Mechanical data

Degree of protection	IP20 / UL open type
Net weight	0.61 kg (1.34 lb)

#### Dimensions

Width	73.0 mm (2.87 in)
Height	199.0 mm (7.83 in)
Depth	65.5 mm (2.59 in)

### Standards

Compliance with standards	CE, UL, cUL, RCM, SEMI F47
CE marking	Low-voltage directive 2014/35/EC