SIEMENS

Data sheet for SINAMICS Control Unit CU240B-2 DP



Figure similar

MLFB-Ordering data 6SL3244-0BB00-1PA1

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	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 mm² (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	PROFIBUS DP

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 (RCM)
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