



SIMATIC S7-400, CP 441-1 COMMUNICATIONS MODULE FOR POINT TO POINT CONNECTIONS 1 CHANNEL INCL. CONFIG. PACKAGE ON CD

Supply voltage

Rated value (DC)

- 5 V DC
- 24 V DC

Yes

Yes

Input current

from backplane bus 5 V DC, max.

300 mA

Power losses

Power loss, typ.

2.1 W; incl. 1x20 mA TTY module

Memory

Memory requirements per interface in memory card of S7-CPU

1 to 5 KB for parameters; 0 to 55 KB for message texts

Interfaces

Number of interfaces

1; variable

Interface physics, 20 mA (TTY)

Yes

Interface physics, RS 232C (V.24)

Yes

Interface physics, RS 422/RS 485 (X.27)

Yes

20 mA (TTY), cable length, shielded, max.

1 000 m; At 9600 bps

RS 232, cable length, shielded, max.

15 m; At 115200 bps

RS 422/485, cable length, shielded, max.

1 200 m; At 19200 bps

Point-to-point

- Transmission rate, max.
- supported printers

115.2 kbit/s; Min. 300 bps

HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined

Integrated protocol driver

— 3964 (R)

Yes

— ASCII	Yes
— RK512	No
— Printer	Yes
— customer-specific drivers reloadable	No
Transmission speed, 20 mA (TTY)	
— with 3964 (R) protocol, max.	19.2 kbit/s
— with ASCII protocol, max.	19.2 kbit/s
— with printer driver, max.,	19.2 kbit/s
Transmission speed, RS 422/485	
— with 3964 (R) protocol, max.	115.2 kbit/s
— with ASCII protocol, max.	115.2 kbit/s
— with printer driver, max.,	115.2 kbit/s
Transmission speed, RS232	
— with 3964 (R) protocol, max.	115.2 kbit/s
— with ASCII protocol, max.	115.2 kbit/s
— with printer driver, max.,	115.2 kbit/s
Ambient conditions	
Ambient temperature in operation	
• Min.	0 °C
• max.	60 °C
Relative humidity	
• Operation, max.	95 %
Dimensions	
Width	25 mm
Height	290 mm
Depth	210 mm
Weights	
Weight, approx.	580 g; Interface modules: 80 g
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