



SIMATIC S7-400, CP 441-2 COMMUNICATIONS MODULE FOR POINT TO POINT CONNECTIONS 2 CHANNELS INCL. CONFIG. PACKAGE ON CD

Supply voltage	
Rated value (DC)	
• 5 V DC	Yes
• 24 V DC	Yes
Input current	
from backplane bus 5 V DC, max.	300 mA
Power losses	
Power loss, typ.	2.7 W; incl. 2x20mA 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; 0 to 64 KB for loadable drivers
Interfaces	
Number of interfaces	2; 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.	115.2 kbit/s; Min. 300 bps
• supported printers	HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined
Integrated protocol driver	
— 3964 (R)	Yes

— ASCII	Yes
— RK512	Yes
— 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
— with RK 512 protocol, 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
— with RK 512 protocol, 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
— with RK 512 protocol, 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
last modified:	12.03.2015