



SIMATIC S7-300, CP 340 Communications processor with 20 mA interface (TTY)
incl. configuration package on CD

General information	
Product type designation	CP 340
Supply voltage	
Rated value (DC)	
• 24 V DC	No; Power supply via backplane bus 5V
Input current	
from backplane bus 5 V DC, max.	190 mA
Power loss	
Power loss, typ.	0.85 W
Power loss, max.	0.95 W
Interfaces	
Interfaces/bus type	20 mA (TTY)
Number of interfaces	1; Isolated
Transmission rate, min.	2.4 kbit/s
Transmission rate, max.	19.2 kbit/s
Point-to-point connection	
• Cable length, max.	1 000 m; 100 m active, 1 000 m passive
• supported printers	HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined
• Connector type	9-pin sub D socket
Integrated protocol driver	
— 3964 (R)	Yes
— ASCII	Yes
— RK 512	No
— customer-specific drivers reloadable	No
Telegram length, max.	
— 3964 (R)	1 024 byte
— ASCII	1 024 byte
Transmission rate, 20 mA (TTY)	
— with 3964 (R) protocol, max.	19.2 kbit/s
— with ASCII protocol, max.	9.6 kbit/s
— with printer driver, max.	9.6 kbit/s
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Software	
Block	

- FB length in RAM, max.

2 700 byte; Data communication, sending and receiving

connection method

Design of electrical connection for supply voltage

Over backplane bus

Dimensions

Width

40 mm

Height

125 mm

Depth

120 mm

Weights

Weight, approx.

300 g

last modified:

3/12/2024 