

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



Figure similar

General information	
Product type designation	CP 340
Supply voltage	
Rated value (DC)	No; Power supply via backplane bus 5V
• 24 V DC	
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	
Number of interfaces	1; Isolated
Interface physics, 20 mA (TTY)	Yes
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
<b>Integrated protocol driver</b>	
— 3964 (R)	Yes
— ASCII	Yes
— RK512	No
— customer-specific drivers reloadable	No
<b>Telegram length, max.</b>	
— 3964 (R)	1 024 byte
— ASCII	1 024 byte
<b>Transmission rate, 20 mA (TTY)</b>	
— 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

<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	60 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-40 °C
• max.	70 °C

<b>Software</b>	
<b>Block</b>	
• FB length in RAM, max.	2 700 byte; Data communication, sending and receiving

<b>Connection method</b>	
Design of electrical connection for supply voltage	Over backplane bus

<b>Dimensions</b>	
Width	40 mm
Height	125 mm
Depth	120 mm

<b>Weights</b>	
Weight, approx.	300 g

**last modified:** 11/16/2019