



Figure similar

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	
<ul style="list-style-type: none"> <li>• FB length in RAM, max.</li> </ul>	2 700 byte; Data communication, sending and receiving
connection method / header	
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
<b>last modified:</b>	2/26/2021 