



Figure similar

SIMATIC S7-300, CP 340 Communications processor with RS 422/485 interface 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.	165 mA
Power loss	
Power loss, typ.	0.6 W
Power loss, max.	0.85 W
Interfaces	
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.	1 200 m
• supported printers	HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined
• Connector type	15-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, RS 422/485	
— 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:**

12/19/2020 