



Figure similar

\*\*\*spare part\*\*\* 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)	No; Power supply via backplane bus 5V
• 24 V DC	
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	
Interfaces/bus type	RS 422 / 485 (X.27)
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	

<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
<b>Classifications</b>	

	Version	Classification
eClass	14	27-24-22-08
eClass	12	27-24-22-08
eClass	9.1	27-24-22-08
eClass	9	27-24-22-08
eClass	8	27-24-22-08
eClass	7.1	27-24-22-08
eClass	6	27-24-22-08
ETIM	10	EC001423
ETIM	9	EC001423
ETIM	8	EC001423
ETIM	7	EC001423
IDEA	4	3564
UNSPSC	15	32-15-17-05

**Approvals / Certificates**  
**General Product Approval**



[Miscellaneous](#)

[Manufacturer Declaration](#)



**EMV**      **For use in hazardous locations**



[FM](#)



**For use in hazardous locations**      **Maritime application**

[Miscellaneous](#)

[CCC-Ex](#)



**Maritime application**



[CCS \(China Classification Society\)](#)

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