

SIMATIC S7-300, CP341 COMMUNICATION PROCESSOR WITH RS422/485 INTERFACE INCL. CONFIG. PACKAGE ON CD



Figure similar

Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> • 24 V DC 	Yes
Input current	
from supply voltage L+, max.	100 mA
from backplane bus 5 V DC, max.	70 mA
Power loss	
Power loss, typ.	1.6 W
Power loss, max.	2.4 W
Interfaces	
Number of interfaces	1; Isolated
Interface (physical) RS 422/485 (X.27)	Yes
Transmission rate, min.	0.3 kbit/s
Transmission rate, max.	115.2 kbit/s
Point-to-point	
<ul style="list-style-type: none"> • Cable length, max. 	1 200 m
<ul style="list-style-type: none"> • supported printers 	Serial printers
<ul style="list-style-type: none"> • Connector type 	15-pin sub D socket

Integrated protocol driver	
— 3964 (R)	Yes; not with RS 485
— ASCII	Yes
— RK512	Yes; not with RS 485
Telegram length, max.	
— 3964 (R)	4 096 byte
— ASCII	4 096 byte
— RK 512	4 096 byte
Transmission rate, RS 422/485	
— with 3964 (R) protocol, max.	115.2 kbit/s
— with ASCII protocol, max.	115.2 kbit/s
— with printer driver, max.	115.2 kbit/s
— with RK 512 protocol, max.	115.2 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.	6 100 byte; Data communication, sending and receiving

Connection method	
Power supply	3 screw-type terminals: L+, M, GND

Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm

Weights	
Weight, approx.	300 g
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