



Figure similar

spare part SIMATIC S7-300, CP 341 communications processor with RS-422/485 interface incl. configuration package on CD

Supply voltage	
Rated value (DC)	
• 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	
Interfaces/bus type	RS 422 / 485 (X.27)
Number of interfaces	1; Isolated
Transmission rate, min.	0.3 kbit/s
Transmission rate, max.	115.2 kbit/s
Point-to-point connection	
• Cable length, max.	1 200 m
• supported printers	Serial printers
• Connector type	15-pin sub D socket
Integrated protocol driver	
— 3964 (R)	Yes; not with RS 485
— ASCII	Yes
— RK 512	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
Interrupts/diagnostics/status information	
Diagnostics indication LED	
• Receive RxD	Yes
• Transmit TxD	Yes
• Group error SF (red)	Yes
Ambient conditions	
Ambient temperature during operation	

• min. • max.		0 °C 60 °C																																													
Ambient temperature during storage/transportation																																															
• min. • max.		-40 °C 70 °C																																													
Software																																															
Block																																															
• FB length in RAM, max.		6 100 byte; Data communication, sending and receiving																																													
Connection method																																															
Design of electrical connection for supply voltage		3 screw-type terminals: L+, M, GND																																													
Dimensions																																															
Width	40 mm																																														
Height	125 mm																																														
Depth	120 mm																																														
Weights																																															
Weight, approx.		300 g																																													
Classifications																																															
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