



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			
		Version	Classification
	eClass	16	27-24-22-08
	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	 EG-Konf.	
		 UL	 RCM
General Product Approval		EMV	For use in hazardous locations
	China RoHS	 RCM	 ATEX
			FM
			 UL
For use in hazardous locations		Maritime application	
 IECEX	 ATEX	Miscellaneous	CCC-Ex
		 ABS	 BUREAU VERITAS
Maritime application			



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

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