



Figure similar

spare part SIMATIC S7-300, CP 340 communications processor with RS-422/485 interface incl. configuration package on CD

Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> 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	
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	
<ul style="list-style-type: none"> Cable length, max. supported printers Connector type 	1 200 m HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined 15-pin sub D socket
Integrated protocol driver	
<ul style="list-style-type: none"> 3964 (R) ASCII RK 512 customer-specific drivers reloadable 	Yes Yes No No
Telegram length, max.	
<ul style="list-style-type: none"> 3964 (R) ASCII 	1 024 byte 1 024 byte
Transmission rate, RS 422/485	
<ul style="list-style-type: none"> with 3964 (R) protocol, max. with ASCII protocol, max. with printer driver, max. 	19.2 kbit/s 9.6 kbit/s 9.6 kbit/s
Interrupts/diagnostics/status information	
Diagnostics indication LED	
<ul style="list-style-type: none"> Receive RxD Transmit TxD Group error SF (red) 	Yes Yes Yes
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> min. max. 	0 °C 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
Classifications	

	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](#)



General Product Approval **EMV** **For use in hazardous locations**



[China RoHS](#)



[FM](#)



For use in hazardous locations **Maritime application**



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[CCC-Ex](#)



Maritime application



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

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