



Figure similar

spare part SIMATIC S7-300, CP 341 communications processor with RS-232C interface (RS-232-C) 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 232C (V.24)
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.	15 m
• supported printers	Serial printers
• Connector type	9-pin sub D connector
Integrated protocol driver	
— 3964 (R)	Yes
— ASCII	Yes
— RK 512	Yes
Telegram length, max.	
— 3964 (R)	4 096 byte
— ASCII	4 096 byte
— RK 512	4 096 byte
Transmission speed, RS 232	
— 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.	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

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	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	Test Certificates	other
--------------------------	-------------------	-------



[Confirmation](#)



EG-Konf.



[Special Test Certificate](#)

[Confirmation](#)

other	Environment
-------	-------------

[Miscellaneous](#)



[Environmental Confirmations](#)

[Environmental Confirmations](#)

last modified:

4/7/2025