



Figure similar

spare part SIMATIC S7-300, CP 341 communications processor with 20 mA interface (TTY) incl. configuration package on CD

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	
Interfaces/bus type	20 mA (TTY)
Number of interfaces	1; Isolated
Transmission rate, min.	0.3 kbit/s
Transmission rate, max.	19.2 kbit/s
Point-to-point connection	
<ul style="list-style-type: none"> • Cable length, max. 	1 000 m
<ul style="list-style-type: none"> • supported printers 	Serial printers
<ul style="list-style-type: none"> • Connector type 	9-pin sub D socket
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 rate, 20 mA (TTY)	
— with 3964 (R) protocol, max.	19.2 kbit/s
— with ASCII protocol, max.	19.2 kbit/s
— with printer driver, max.	19.2 kbit/s
— with RK 512 protocol, max.	19.2 kbit/s
Interrupts/diagnostics/status information	
Diagnostics indication LED	
<ul style="list-style-type: none"> • Receive RxD 	Yes
<ul style="list-style-type: none"> • Transmit TxD 	Yes
<ul style="list-style-type: none"> • 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

[Miscellaneous](#)

[Manufacturer Declaration](#)



General Product Approval

EMV

For use in hazardous locations



[China RoHS](#)



[FM](#)



For use in hazardous locations

Maritime application



[Miscellaneous](#)

[CCC-Ex](#)



Maritime application



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

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