



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)	Yes
<ul style="list-style-type: none"> • 24 V DC 	
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](#)



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

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ABS



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Maritime application



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