



COMMUNICATIONSPROCESSOR CP342-5 FOR CONNECTING SIMATIC S7-300 TO PROFIBUS, DP, S5-COMPATIBLE PG/OP AND S7 COMMUNICATION

Transmission rate

Transmission rate / at interface 1 / in accordance with PROFIBUS 9.6 kbit/s ... 12 Mbit/s

Interfaces

Number of electrical connections / at interface 1

- in accordance with PROFIBUS

1

Number of electrical connections

- [nicht versorgt - für Spannungsversorgung]

1

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage

DC

Supply voltage

- 1 / from backplane bus
- external

5 V

24 V

Relative positive tolerance / at 24 V / with DC

20 %

Relative negative tolerance / at 24 V / with DC

15 %

Consumed current

- from backplane bus / at 5 V / for DC / [nicht versorgt - typisch]
- [nicht versorgt - aus externer Versorgungsspannung] / [nicht versorgt - bei 24 V] / [nicht versorgt - bei DC]

0.15 A

- [nicht versorgt - typisch]

0.25 A

Resistive loss

5 W

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during the operating phase 	0 °C ... 60 °C
<ul style="list-style-type: none"> during storage 	-40 °C ... 70 °C
<ul style="list-style-type: none"> during transport 	-40 °C ... 70 °C
Relative humidity / at 25 °C / without condensation / during the operating phase / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Width	40 mm
Height	125 mm
Depth	120 mm
net weight	0.3 kg
Product properties, functions, components / general	
Number of units	
<ul style="list-style-type: none"> per CPU / maximum 	4
Performance data	
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum	16
Data volume / as user data per connection / for open communication / by means of SEND/RECEIVE blocks / maximum	240 byte
Performance data / PROFIBUS DP	
Service / [nicht versorgt - als DP-Master] / [nicht versorgt - DPV0]	Yes
Number of DP slaves / on DP master / usable	124
Amount of data	
<ul style="list-style-type: none"> of the address area of the inputs / [nicht versorgt - als DP-Master] / [nicht versorgt - gesamt] 	2160 byte
<ul style="list-style-type: none"> of the address area of the outputs / [nicht versorgt - als DP-Master] / [nicht versorgt - gesamt] 	2160 byte
<ul style="list-style-type: none"> of the address area of the inputs / [nicht versorgt - je DP-Slave] 	244 byte
<ul style="list-style-type: none"> of the address area of the outputs / [nicht versorgt - je DP-Slave] 	244 byte
<ul style="list-style-type: none"> [nicht versorgt - des Adressbereiches der Diagnosedaten] / [nicht versorgt - je DP-Slave] 	240 byte
Service / [nicht versorgt - als DP-Slave]	
<ul style="list-style-type: none"> [nicht versorgt - DPV0] 	Yes
Amount of data	
<ul style="list-style-type: none"> of the address area of the inputs / [nicht versorgt - als DP-Slave] / [nicht versorgt - gesamt] 	240 byte
<ul style="list-style-type: none"> of the address area of the outputs / [nicht versorgt - als DP-Slave] / [nicht versorgt - gesamt] 	240 byte
Performance data / S7 communication	
Number of possible connections / [nicht versorgt - für S7-Kommunikation]	

- [nicht versorgt - maximal]

Performance data / multi-protocol mode

Number of active connections / with multi-protocol mode

- without DP / maximum
- with DP / maximum

letzte Änderung:

16

32

28

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