



COMMUNICATIONSPROCESSOR CP343-1 CONNECTING SIMATIC S7-300 TO IND. ETHERNET VIA PROFINET IO, CONTROLLER,ISO, TCP/IP AND UDP, AND WITHOUT RFC, 1006 DIAGNOSTIC EXPANSIONS, MULTICAST, LOADABLE COMMUNICATION BLOCKS SNMP DIAGNOSIS, INITIALIZATION VIA LAN, DHCP, NTP-CPU SYNC, 10/100 MBIT, ONLY RJ45 CONNECTION

Transmission rate

Transfer rate / at the interface 1 10 Mbit/s ... 100 Mbit/s

Interfaces

Number of electrical connections

- at interface 1 / in accordance with Industrial Ethernet 1
- [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 5 V
- external 24 V

Relative positive tolerance / at 24 V / with DC 20 %

Relative negative tolerance / at 24 V / with DC 15 %

Consumed current

- [nicht versorgt - aus externer Versorgungsspannung] / [nicht versorgt - bei 24 V] / [nicht versorgt - bei DC] 0.2 A
- [nicht versorgt - typisch]

Resistive loss 5.8 W

Permitted ambient conditions

Ambient temperature

- for vertical installation / during the operating phase 0 °C ... 40 °C

<ul style="list-style-type: none"> • for horizontally arranged busbars / during the operating phase 	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 %
Design, dimensions and weight	
Width	80 mm
Height	125 mm
Depth	120 mm
net weight	0.22 kg
Performance data	
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum	16
Data volume	
<ul style="list-style-type: none"> • as user data per ISO connection / for open communication / by means of SEND/RECEIVE blocks / maximum 	8 Kibyte
<ul style="list-style-type: none"> • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum 	8 Kibyte
<ul style="list-style-type: none"> • as user data per TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum 	8 Kibyte
<ul style="list-style-type: none"> • as user data per UDP connection / for open IE communication / by means of SEND/RECEIVE blocks / maximum 	2 Kibyte
Number of Multicast stations	16
Performance data / S7 communication	
Number of possible connections / [nicht versorgt - für S7-Kommunikation] / [nicht versorgt - maximal]	16
Performance data / multi-protocol mode	
Number of active connections / [nicht versorgt - bei Multiprotokollbetrieb]	32
Performance data / PROFINET communication / as PN IO-Controller	
Amount of data	
<ul style="list-style-type: none"> • [nicht versorgt - als Nutzdaten für Eingangsvariablen] / [nicht versorgt - als PROFINET IO-Controller] / [nicht versorgt - maximal] 	1 Kibyte
<ul style="list-style-type: none"> • [nicht versorgt - als Nutzdaten für Eingangsvariablen] / [nicht versorgt - bei PROFINET IO-Controller] / [nicht versorgt - maximal] 	1 Kibyte
<ul style="list-style-type: none"> • [nicht versorgt - als Nutzdaten für Eingangsvariablen je PN IO-Device] / [nicht versorgt - bei PROFINET IO-Controller] / [nicht versorgt - maximal] 	240 byte
<ul style="list-style-type: none"> • [nicht versorgt - als Nutzdaten für Ausgangsvariablen je PN IO-Device] / [nicht versorgt - bei PROFINET IO-Controller] / [nicht versorgt - maximal] 	240 byte

Performance data / PROFINET communication / as PN IO-Device**Product functions / management, configuration**

Product function / MIB support	Yes
Protocol / is supported	
• SNMP v1	Yes
• DCP	Yes
• [nicht versorgt - LLDP]	No

Product functions / Diagnosis

Product function / Web-based diagnostics	No
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Product functions / switch

Product feature / switch	No
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Product functions / Redundancy

Product function	
• Ring redundancy	No

Product functions / Security

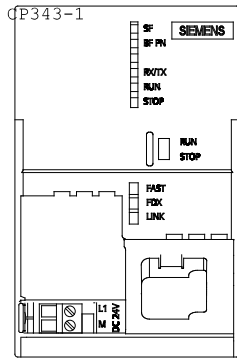
Product function	
• ACL - IP-based	Yes
• switchoff of non-required services	No
• blocking of communication via physical ports	No
• log file for unauthorized access	No

Product functions / Time

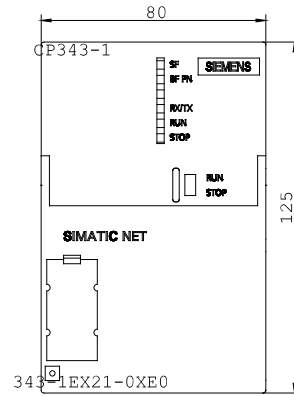
Product function	
• SICLOCK support	Yes
• pass on time synchronization	Yes
Protocol / is supported / NTP	Yes

Maßzeichnung

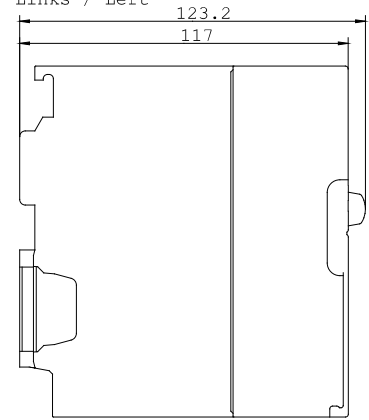
ürne offen / Front open



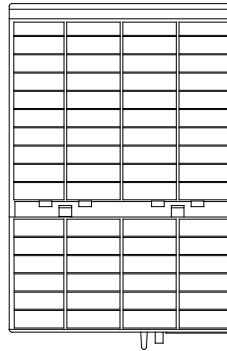
Vorne / Front



Links / Left



Oben / Top



letzte Änderung:

Jan 31, 2011