

Product-type designation

CP 343-1 Lean



SIMATIC NET,
 CP 343-1 LEAN COMMUNICATION PROCESSOR FOR
 CONNECTING SIMATIC S7-300 TO IND. ETHERNET VIA
 TCP/IP AND UDP,
 MULTICAST,
 SEND/RECEIVE W. AND W/O RFC1006,
 FETCH/ WRITE,
 S7-COMMUNICATION(SERVER) PROFINET IO-DEVICE
 INTEGRATED 2-PORT SWITCH ERTEC 200,
 BG EXCHANGE W/O PG, SNMP DIAGNOSTICS,
 INITIALIZ. VIA LAN,
 2 X RJ45 CONNECT. FOR LAN WITH 10/100 MBIT/S

Transmission rate

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

Interfaces

Number of electrical connections	
• at interface 1 / in accordance with Industrial Ethernet	2
• for power supply	1
Design of the electrical connection	
• at interface 1 / in accordance with Industrial Ethernet	RJ45 port

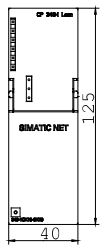
Supply voltage, current consumption, power loss

Type of voltage / of 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	
• from backplane bus / at 5 V / for DC / Typical	0.2 A
• from external supply voltage / at 24 V / with DC	
• typical	0.16 A
• maximum	0.2 A

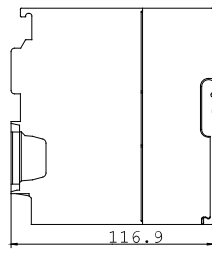
Resistive loss	5.8 W
Permitted ambient conditions	
Ambient temperature	
• for vertical installation / during operating phase	0 ... 40 °C
• for horizontal installation / during operating phase	0 ... 60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Width	40 mm
Height	125 mm
Depth	120 mm
Net weight	0.22 kg
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum	8
Data volume	
• as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum	8 Kibyte
• as user data per TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum	8 Kibyte
• as user data per UDP connection / for open IE communication / by means of SEND/RECEIVE blocks / maximum	2 Kibyte
Number of Multicast stations	8
Performance data / S7 communication	
Number of possible connections / for S7 communication	
• maximum	4
Service / of SIMATIC communication / as server	Yes
Performance data / multi-protocol mode	
Number of active connections / with multiprotocol mode	12
Performance data / PROFINET communication / as PN IO-Device	
Product function / PROFINET IO device	Yes
Amount of data	
• as useful data for input variables / as PROFINET IO device / maximum	512 byte
• as useful data for input variables / as PROFINET IO device / maximum	512 byte
• as useful data for input variables / for each sub-module under PROFINET IO device	240 byte

<ul style="list-style-type: none"> • as useful data for input variables / for each sub-module under PROFINET IO device 	240 byte
<ul style="list-style-type: none"> • as useful data for the consistency area for each sub-module 	240 byte
Number of submodules / per PROFINET IO-Device	32
Product functions / management, configuration	
Product function / MIB support	Yes
Protocol / is supported	
<ul style="list-style-type: none"> • SNMP v1 	Yes
<ul style="list-style-type: none"> • DCP 	Yes
<ul style="list-style-type: none"> • LLDP 	Yes
Identification & maintenance	
<ul style="list-style-type: none"> • I&M0 - device-specific information 	Yes
<ul style="list-style-type: none"> • I&M1 - plant identification/location name 	Yes
Product functions / Diagnosis	
Product function / Web-based diagnostics	Yes
Product functions / switch	
Product feature / switch	Yes
Product function	
<ul style="list-style-type: none"> • switch-managed 	No
<ul style="list-style-type: none"> • Configuration with STEP 7 	Yes
Product functions / Redundancy	
Product function	
<ul style="list-style-type: none"> • Ring redundancy 	Yes
<ul style="list-style-type: none"> • MRP redundancy protocol 	Yes
Product functions / Security	
Product function	
<ul style="list-style-type: none"> • switchoff of non-required services 	Yes
<ul style="list-style-type: none"> • blocking of communication via physical ports 	Yes
Product functions / Time	
Product function	
<ul style="list-style-type: none"> • SICLOCK support 	Yes
<ul style="list-style-type: none"> • pass on time synchronization 	Yes
Protocol / is supported / NTP	Yes
Maßzeichnung	

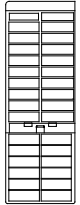
Vorne / Front



Links / Left



Oben / Top



letzte Änderung:

Jul 22, 2013