



COMMUNICATIONPROCESSOR CP343-1 LEAN 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
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Interfaces

Number of electrical connections	
<ul style="list-style-type: none"> • at interface 1 / in accordance with Industrial Ethernet 	2
<ul style="list-style-type: none"> • for power supply 	1

Supply voltage, current consumption, power loss

Type of voltage / of supply voltage	DC
Supply voltage	
<ul style="list-style-type: none"> • 1 / from backplane bus 	5 V
<ul style="list-style-type: none"> • external 	24 V
Relative positive tolerance / at 24 V / with DC	20 %
Relative negative tolerance / at 24 V / with DC	15 %
Consumed current	
<ul style="list-style-type: none"> • from backplane bus / at 5 V / for DC / Typical 	0.2 A
<ul style="list-style-type: none"> • from external supply voltage / at 24 V / with DC 	
<ul style="list-style-type: none"> • typical 	0.16 A
<ul style="list-style-type: none"> • maximum 	0.2 A
Resistive loss	5.8 W

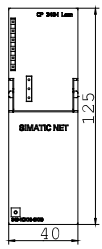
Permitted ambient conditions

Ambient temperature	
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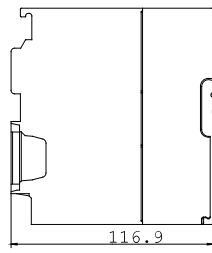
<ul style="list-style-type: none"> during storage 	-40 ... +70 °C
<ul style="list-style-type: none"> during transport 	-40 ... +70 °C
Relative humidity	
<ul style="list-style-type: none"> at 25 °C / without condensation / during operating / maximum 	95 %
Protection class IP	IP20
Design, dimensions and 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	
<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	8
Performance data / S7 communication	
Number of possible connections / for S7 communication	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> as useful data for input variables / as PROFINET IO device / maximum 	512 byte
<ul style="list-style-type: none"> as useful data for input variables / as PROFINET IO device / maximum 	512 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 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	
• SNMP v1	Yes
• DCP	Yes
• LLDP	Yes
Identification & maintenance	
• I&M0 - device-specific information	Yes
• 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	
• switch-managed	No
• Configuration with STEP 7	Yes
Product functions / Redundancy	
Product function	
• Ring redundancy	Yes
• MRP redundancy protocol	Yes
Product functions / Security	
Product function	
• switchoff of non-required services	Yes
• blocking of communication via physical ports	Yes
Product functions / Time	
Product function	
• SICLOCK support	Yes
• pass on time synchronization	Yes
Protocol / is supported / NTP	Yes
Maßzeichnung	

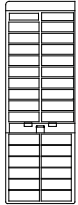
Vorne / Front



Links / Left



Oben / Top



letzte Änderung:

Jul 17, 2012