

SIMATIC NET,  
 CP 343-1 COMMUNICATIONS PROCESSOR FOR  
 CONNECTION OF SIMATIC S7-300 W. IND. ETHERNET  
 USING ISO,  
 TCP/IP AND UDP, S7 COMM., FETCH/WRITE,  
 SEND/RECEIVE, WITH AND W/O RFC 1006,  
 DIAGN. EXPANSIONS, MULTICAST, PBK,  
 INITIALIZATION THROUGH LAN,  
 10/100 MBIT SUCCESSOR: 6GK7343-1EX30-0XE0  
 AVAILABLE. FOR COMPATIBILITY NOTES SEE  
[HTTP://SUPPORT.AUTOMATION.SIEMENS.COM/WW/VIE](http://support.automation.siemens.com/ww/vie)  
 W/DE/24462016

**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

Consumed current

- from backplane bus / at 5 V / for DC / [nicht versorgt - typisch] 0.07 A
- [nicht versorgt - aus externer Versorgungsspannung] / [nicht versorgt - bei 24 V] / [nicht versorgt - bei DC]
- [nicht versorgt - maximal] 0.73 A

Resistive loss 10 W

**Permitted ambient conditions**

Ambient temperature

- during storage -40 °C ... 70 °C
- 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	0.6 kg
<b>Performance data</b>	
<b>Performance data / open communication</b>	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum	16
Data volume	
<ul style="list-style-type: none"> <li>as user data per ISO connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	8 Kibyte
<ul style="list-style-type: none"> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	8 Kibyte
<ul style="list-style-type: none"> <li>as user data per TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	8 Kibyte
<ul style="list-style-type: none"> <li>as user data per UDP connection / for open IE communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	2 Kibyte
Number of Multicast stations	16
<b>Performance data / S7 communication</b>	
Number of possible connections / [nicht versorgt - für S7-Kommunikation] / [nicht versorgt - maximal]	16
<b>Performance data / multi-protocol mode</b>	
Number of active connections / [nicht versorgt - bei Multiprotokollbetrieb]	32
<b>Performance data / PROFINET communication / as PN IO-Controller</b>	
<b>Performance data / PROFINET communication / as PN IO-Device</b>	
<b>Product functions / management, configuration</b>	
Product function / MIB support	No
Protocol / is supported	
<ul style="list-style-type: none"> <li>SNMP v1</li> </ul>	No
<ul style="list-style-type: none"> <li>DCP</li> </ul>	No
<ul style="list-style-type: none"> <li>[nicht versorgt - LLDP]</li> </ul>	No
<b>Product functions / Diagnosis</b>	
<b>Product functions / switch</b>	
Product feature / switch	No
<b>Product functions / Redundancy</b>	
Product function	
<ul style="list-style-type: none"> <li>Ring redundancy</li> </ul>	No
<b>Product functions / Security</b>	
<b>Product functions / Time</b>	
Product function	
<ul style="list-style-type: none"> <li>SICLOCK support</li> </ul>	Yes

- pass on time synchronization

Protocol / is supported / NTP

**letzte Änderung:**

Yes

Yes

Apr 26, 2010