


# Ethernet-CPs

Communication processors   Ethernet-CPs						
343-1EX71						

Order number	343-1EX71			
Figure				
Type	CP 343S TCP/IP, Ethernet-CP 343 SPEED-Bus			
<b>General information</b>				
Note	-			
Features	<ul style="list-style-type: none"> <li>▸ Ethernet CP 343S-NET, SPEED-Bus</li> <li>▸ RJ45</li> <li>▸ 16 connections via Siemens NetPro</li> <li>▸ 64 connections via user program</li> <li>▸ 32 PG/OP connections</li> </ul>			
SPEED-Bus	✓			
<b>Current consumption/power loss</b>				
Current consumption from backplane bus	550 mA			
Power loss	2.75 W			
<b>Status information, alarms, diagnostics</b>				
Status display	yes			
Interrupts	no			
Process alarm	no			
Diagnostic interrupt	no			
Diagnostic functions	no			
Diagnostics information read-out	possible			
Supply voltage display	green LED			
Group error display	red SF LED			
Channel error display	none			
<b>Ethernet communication CP</b>				
Number of productive connections, max.	64			
Number of productive connections by Siemens NetPro, max.	16			
User data per S7 connection, max.	32 KB			
User data per TCP connection, max.	64 KB			
User data per ISO connection, max.	8 KB			
User data per ISO on TCP connection, max.	32 KB			
User data per UDP connection, max.	2 KB			
<b>Functionality RJ45 interfaces</b>				



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Type	-			
Type of interface	Ethernet 10/100 MBit			
Connector	RJ45			
Electrically isolated	✓			
PG/OP channel	✓			
Productive connections	✓			
<b>Mechanical data</b>				
Dimensions (WxHxD)	40 mm x 125 mm x 120 mm			
Weight	210 g			
<b>Environmental conditions</b>				
Operating temperature	0 °C to 60 °C			
Storage temperature	-25 °C to 70 °C			
<b>Certifications</b>				
UL508 certification	yes			

# Connections, Interfaces

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### 343-1EX71



RJ45  
X1



- ① Transmit +
- ② Transmit -
- ③ Receive +
- ④ n. c.
- ⑤ n. c.
- ⑥ Receive -
- ⑦ n. c.
- ⑧ n. c.