

## Data sheet

CP 343S TCP/IP, Ethernet-CP 343 SPEED-Bus (343-1EX71)

### Technical data

<b>Order no.</b>	<b>343-1EX71</b>
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Type	CP 343S TCP/IP, Ethernet-CP 343 SPEED-Bus
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### General information

Note	-
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Features	Ethernet CP 343S-NET, SPEED-Bus RJ45 16 connections via Siemens NetPro 64 connections via user program 32 PG/OP connections
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SPEED-Bus	
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### Current consumption/power loss

Current consumption from backplane bus	550 mA
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Power loss	2.75 W
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### Status information, alarms, diagnostics

Status display	yes
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Interrupts	no
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Process alarm	no
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Diagnostic interrupt	no
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Diagnostic functions	no
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Diagnostics information read-out	possible
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Supply voltage display	green LED
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Group error display	red SF LED
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Channel error display	none
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### Ethernet communication CP

Number of productive connections, max.	64
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Number of productive connections by Siemens NetPro, max.	16
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S7 connections	USEND, URCV, BSEND, BRCV, GET, PUT, Connection of active and passive data handling
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User data per S7 connection, max.	32 KB
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TCP-connections	SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling
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User data per TCP connection, max.	64 KB
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ISO-connections	SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling
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User data per ISO connection, max.	8 KB
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ISO on TCP connections (RFC 1006)	SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling
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User data per ISO on TCP connection, max.	32 KB
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UDP-connections	SEND and RECEIVE
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User data per UDP connection, max.	2 KB
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UDP-multicast-connections	SEND and RECEIVE (max. 16 Multicast groups)
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UDP-broadcast-connections	SEND
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### Functionality RJ45 interfaces

Type	X1
Type of interface	Ethernet 10/100 MBit
Connector	RJ45
Electrically isolated	✓
PG/OP channel	✓
Number of connections, max.	32
Productive connections	✓
<b>Housing</b>	
Material	PPE
Mounting	DIN rail SPEED-Bus
<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