

Data sheet

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

Technical data

Order no.	343-1EX71
Type	CP 343S TCP/IP, Ethernet-CP 343 SPEED-Bus
General information	
Note	-
Features	SPEED-Bus RJ45 16 connections via Siemens NetPro 64 connections via user program 32 PG/OP connections
SPEED-Bus	yes
Current consumption/power loss	
Current consumption from backplane bus	500 mA
Power loss	2.5 W
Status information, alarms, diagnostics	
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
Ethernet communication CP	
Number of configurable connections, max.	64
Number of productive connections by Siemens NetPro, max.	16
S7 connections	USEND, URCV, BSEND, BRCV, GET, PUT, Connection of active and passive data handling
User data per S7 connection, max.	32 KB
TCP-connections	SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling
User data per TCP connection, max.	64 KB
ISO-connections	SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling
User data per ISO connection, max.	8 KB
ISO on TCP connections (RFC 1006)	SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling
User data per ISO on TCP connection, max.	32 KB
UDP-connections	SEND and RECEIVE
User data per UDP connection, max.	2 KB
UDP-multicast-connections	SEND and RECEIVE (max. 16 Multicast groups)
UDP-broadcast-connections	SEND
Functionality RJ45 interfaces	
Type	X1
Type of interface	Ethernet 10/100 MBit
Connector	RJ45

Electrically isolated	yes
PG/OP channel	yes
Number of connections, max.	32
Productive connections	yes
Housing	
Material	PPE
Mounting	DIN rail SPEED-Bus
Mechanical data	
Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Net weight	165 g
Weight including accessories	-
Gross weight	-
Environmental conditions	
Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C
Certifications	
UL certification	yes
KC certification	yes
UKCA certification	yes
ChinaRoHS certification	yes