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	Ethernet CP 343S-NET, 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	-