

	CP343-1	CP343-1	CP343-1	CP343-1 Advanced	CP343-1 Advanced	CP343-1 Lean
MLFB: 6GK7343-1...	...EX11-0XE0	...EX21-0XE0	...EX30-0XE0	...GX21-0XE0	...GX30-0XE0	...CX10-0XE0
Services						
ISO transport protocol	X	X ¹⁾	X	X ²⁾	X	-
Send/Receive	X	X ¹⁾	X	X ²⁾	X	-
T communication	-	-	-	-	-	-
Fetch/Write passive	X	X ¹⁾	X	X ²⁾	X	-
Lock/Unlock for Fetch/Write	X	X ¹⁾	X	X ²⁾	X	-
Diagnostics with AG_CNTRL	-	X ¹⁾	X	X ²⁾	X	-
ISO-on-TCP protocol	X	X	X	X	X	X
Send/Receive	X	X	X	X	X	X
T communication	-	-	-	-	-	-
Fetch/Write passive	X	X	X	X	X	X
Lock/Unlock for Fetch/Write	X	X	X	X	X	X
Diagnostics with AG_CNTRL	-	X	X	X	X	X ⁷⁾
TCP protocol	X	X	X	X	X	X
Send/Receive	X	X	X	X	X	X
T communication	-	-	-	-	-	-
Fetch/Write passive	X	X	X	X	X	X
Lock/Unlock for Fetch/Write	X	X	X	X	X	X
Diagnostics with AG_CNTRL	-	X	X	X	X	X ⁷⁾
UDP protocol	X	X	X	X	X	X
Send/Receive	X	X	X	X	X	X
T communication	-	-	-	-	-	-
Fetch/Write passive	-	-	-	-	-	-
Lock/Unlock for Fetch/Write	-	-	-	-	-	-
Diagnostics with AG_CNTRL	-	X	X	X	X	X ⁷⁾
S7 communication	X	X	X	X	X	X ⁴⁾
IT communication	-	-	-	X	X	-
E-mail client	-	-	-	X	X	-
HTML utilities	-	-	-	X	X	-
FTP server	-	-	-	X	X	-
FTP client	-	-	-	X	X	-
IP access protection (IP-ACL)	-	X	X	X	X	-
IP configuration	-	X	X	X	X	X
PG/OP communication	X	X	X	X	X	X
SNMP protocol	-	X ⁵⁾	X	X	X	X
PROFINET IO controller	-	X ¹⁾	X	X ²⁾	X	-
PROFINET IO device	-	-	X	-	X	X
PROFINET / CBA	-	X ¹⁾	-	X ²⁾	X	-
S7 routing	X	X	X	X	X	X
Time-of-day synchronization	-	X	X	X	X	X
SIMATIC process	X ⁸⁾	X	X	X	X	X
NTP process	-	X	X	X	X	X
Web diagnostics	-	-	X	-	X	X
Connections						
RJ45	1	1	2	1	3	2
ITP	1	-	-	-	-	-
AUI	1	-	-	-	-	-
Transmission rates						
10 Mbit/s	X	X	X	X	X	X
100 Mbit/s	X	X	X	X	X	X
1 Gbit/s	-	-	-	-	X ⁶⁾	-
Quantity frameworks						
Quantity of S5-compatible communication ³⁾	16	16	16	16	16	8
Quantity of TCP/ISO-on-TCP/ ISO transport user data	8 kByte	8 kByte	8 kByte	8 kByte	8 kByte	8 kByte
Quantity of UDP user data	2 kByte	2 kByte	2 kByte	2 kByte	2 kByte	2 kByte
Quantity of S7 communications	16	32	16	32	32	4
Quantity of PG/OP communication (acyclic utilities)	16	16	16	16	16	4
Multiprotocol (sum of all connections operating simultaneously)	32	48	32	48	48	12
Multicast	16	16	16	16	16	8

- 1) The previous module CP343-1EX20 supports neither the ISO transport protocol nor PROFINET.
- 2) The previous module CP343-1GX20 supports neither the ISO transport protocol nor PROFINET.
- 3) Sum of all SEND/RECEIVE connections operating simultaneously.
- 4) The CP343-1 Lean supports only server functions.
- 5) The previous module CP343-1EX20 supports SNMP from firmware V1.1 onwards.
- 6) The CP343-1GX30 has one RJ45 interface, that supports the transmission rate 1 Gbit/s.
- 7) The CP343-1CX10 supports the diagnostic with AG_CNTRL from firmware V2.1
- 8) The CP343-1EX11 uses the SIMATIC process to assign the entries in the diagnostic buffer with time stamps.