

SIMATIC S7-400 advanced controller

Communication

CP 441-1, CP 441-2

Technical specifications (continued)

Article number	6ES7441-1AA05-0AE0 CP 441-1, PTP-CONN., 1 CHANNEL	6ES7441-2AA05-0AE0 CP 441-2, PTP-CONN., 2 CHANNELS
Transmission speed, RS 422/485		
- with 3964 (R) protocol, max.	115.2 kbit/s	115.2 kbit/s
- with ASCII protocol, max.	115.2 kbit/s	115.2 kbit/s
- with printer driver, max.,	115.2 kbit/s	115.2 kbit/s
- with RK 512 protocol, max.		115.2 kbit/s
Transmission speed, RS232		
- with 3964 (R) protocol, max.	115.2 kbit/s	115.2 kbit/s
- with ASCII protocol, max.	115.2 kbit/s	115.2 kbit/s
- with printer driver, max.,	115.2 kbit/s	115.2 kbit/s
- with RK 512 protocol, max.		115.2 kbit/s
Ambient conditions		
Ambient temperature in operation		
• Min.	0 °C	0 °C
• max.	60 °C	60 °C
Relative humidity		
• Operation, max.	95 %	95 %
Dimensions		
Width	25 mm	25 mm
Height	290 mm	290 mm
Depth	210 mm	210 mm
Weights		
Weight, approx.	580 g; Interface modules: 80 g	580 g; Interface modules: 80 g

Ordering data

Article No.

Article No.

Communication module CP 441-1

With 1 variable interface for interface submodules; including configuration package on CD

6ES7441-1AA05-0AE0

Communication module CP 441-2

With 2 variable interfaces for interface submodules; including configuration package on CD

6ES7441-2AA05-0AE0

Interface submodules

RS 232C (V.24)

6ES7963-1AA10-0AA0

20 mA (TTY)

6ES7963-2AA10-0AA0

RS 422/485 (X.27)

6ES7963-3AA10-0AA0

RS 232 connecting cable

5 m

6ES7902-1AB00-0AA0

10 m

6ES7902-1AC00-0AA0

15 m

6ES7902-1AD00-0AA0

TTY connecting cable

5 m

6ES7902-2AB00-0AA0

10 m

6ES7902-2AC00-0AA0

50 m

6ES7902-2AG00-0AA0

RS 422/485 connecting cable

5 m

6ES7902-3AB00-0AA0

10 m

6ES7902-3AC00-0AA0

50 m

6ES7902-3AG00-0AA0

Loadable drivers for CP 441-2

Modbus master (RTU format)

- Single license
- Single license, without software or documentation

6ES7870-1AA01-0YA0

6ES7870-1AA01-0YA1

Modbus slave (RTU format)

- Single license
- Single license, without software or documentation

6ES7870-1AB01-0YA0

6ES7870-1AB01-0YA1