

Siemens 6ES7441-1AA03-0AE0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	-

Description

6ES7441-1AA03-0AE0

SIMATIC S7-400, CP 441-1 COMMUNICATIONS MODULE FOR
POINT TO POINT CONNECTIONS 1 CHANNEL INCL. CONFIG.
PACKAGE ON CD

Supply voltage

Rated value (DC)

- 5 V DC Yes
- 24 V DC Yes

Input current

from backplane bus 5 V DC, max. 700 mA; Without interface module

Interface modules

- 20 mA (TTY), power consumption from 5 V/24 V, max.

300 mA at 5 V, 45 mA at 24 V

- RS 422/485 (X.27), power consumption from 5 V, max.

300 mA

- RS 232C (V.24), power consumption from 5 V, max.

300 mA

Memory

Memory requirements per interface in memory card
of S7-CPU

1 to 5 KB for parameters; 0 to 55 KB for message texts

Interfaces

Number of interfaces 1; variable

Interface physics, 20 mA (TTY) Yes

Interface physics, RS 232C (V.24) Yes

Interface (physical) RS 422/485 (X.27) Yes

20 mA (TTY), cable length shielded, max. 1 000 m

RS 232, cable length shielded, max. 10 m

RS 422/RS 485, cable length shielded, max. 1 200 m

Point-to-point

- Transmission rate, max. 38.4 kbit/s
- supported printers HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined

Integrated protocol driver

— 3964 (R) Yes

— ASCII Yes

— Printer Yes

Transmission rate, 20 mA (TTY)

— with 3964 (R) protocol, max. 19.2 kbit/s

— with ASCII protocol, max. 19.2 kbit/s

— with printer driver, max. 19.2 kbit/s

Transmission rate, RS 422/485

— with 3964 (R) protocol, max. 38.4 kbit/s

— with ASCII protocol, max. 38.4 kbit/s

— with printer driver, max. 38.4 kbit/s

Transmission speed, RS 232

— with 3964 (R) protocol, max. 38.4 kbit/s

— with ASCII protocol, max. 38.4 kbit/s

— with printer driver, max. 38.4 kbit/s

Communication functions

S7 communication

- S7 extended communication Yes

Number of connections

- overall 8

Configuration

Configuration software

- STEP 7 Yes; own parameter assignment forms

Dimensions

Width 25 mm

Height 290 mm

Depth 210 mm

Weights

Weight, approx. 720 g; Interface module: 100 g

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