

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7441-2AA03-0AE0

INDUSTRIAL AUTOMATION MODULE

Used with the applicable SIMATIC industrial automation configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer document: 6ES7441-2AA03-0AE0.pdf

SIMATIC S7-400, CP 441-2 COMMUNICATIONS MODULE FOR
POINT TO POINT CONNECTIONS 2 CHANNELS INCL. CONFIG.
PACKAGE ON CD

Input current	
from backplane bus 5 V DC, max.	700 mA; Without interface module
Memory	
Memory requirements per interface in memory card of S7-CPU	1 to 5 KB for parameters; 0 to 55 KB for message texts; 0 to 64 KB for loadable drivers
Interfaces	
Number of interfaces	2; variable
Point-to-point connection	
• Transmission rate, max.	115.2 kbit/s; distributed on both interfaces
• supported printers	HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined
Integrated protocol driver	
— 3964 (R)	Yes
— ASCII	Yes
— RK512	Yes
— Printer	Yes
— customer-specific drivers reloadable	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
— with RK 512 protocol, max.	19.2 kbit/s
Transmission rate, RS 422/485	
— with 3964 (R) protocol, max.	115.2 kbit/s
— with ASCII protocol, max.	115.2 kbit/s
— with printer driver, max.	115.2 kbit/s
— with RK 512 protocol, max.	115.2 kbit/s
Transmission speed, RS 232	
— with 3964 (R) protocol, max.	115.2 kbit/s
— with ASCII protocol, max.	115.2 kbit/s
— with printer driver, max.	115.2 kbit/s
— with RK 512 protocol, max.	115.2 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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