AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7441-1AA04-0AE0

CP 441-1 Communication Processor

PROCESSOR	INTERFACES	RATE	IF MODULE
CP 441-1	**1**	**38.4 kbps**	**xAA00**

The Siemens 6ES7441-1AA04-0AE0 CP 441-1 exchanges serial data between the S7-400 and a compatible communication partner. A single plug-in IF 963 module determines whether the physical interface is RS232, 20 mA TTY or X27 RS422/485. The installed submodule and configured protocol must be identified separately from the processor order number.

01 VERIFIED TECHNICAL INFORMATION

Serial device interfaces	One
Processor transmission-rate limit	Maximum 38.4 kbps
Supported interface-module generation	IF 963-xAA00-0AA0
RS232 option	IF 963-RS232, 6ES7963-1AA00-0AA0
TTY option	IF 963-TTY, 6ES7963-2AA00-0AA0
RS422/485 option	IF 963-X27, 6ES7963-3AA00-0AA0
Integrated protocol drivers	ASCII, 3964(R), printer; interface restrictions apply

Manufacturer evidence: Point-to-point Link CP 441 Installation and Parameter Assignment; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

RS485 protocol restriction	3964(R) is not supported in two-wire RS485 operation
Rated processor current	0.6 A at 5 V
Processor power loss	3.5 W
Degree of protection	IP20 for the CP module
Diagnostic interrupt	Configurable
Transmit and receive indication	TXD and RXD LEDs
Error indication	INTF, EXTF and interface FAULT indication
Diagnostic information readout	Supported

03 SOURCE AND CONFIGURATION CHECKS

Siemens limits this AA04 processor to 38.4 kbps and assigns it the IF 963-xAA00 generation. Its integrated drivers are ASCII, 3964(R) and printer functions, subject to the physical-interface restrictions. The faster AA05 rate, later xAA10 submodules and CP 441-2-specific protocol features must not be transferred to this exact model.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM