

SIMATIC S7-400

2.1 CP 443-1

CP 443-1 (EX11)

Characteristic data of the device		STEP 7 / NCM S7 version
Order numbers / versions	Characteristics	
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 5 Firmware version: V2.7 26685345 http://support.automation.siemens.com/ww/view/de/26685345 Relevant documentation S7 CPs for Industrial Ethernet manual as of release 06 - 2/2003 - General part 8777865 http://support.automation.siemens.com/ww/view/de/8777865 - Part specific to the CP 443-1 8776219 http://support.automation.siemens.com/ww/view/de/8776219 SIMATIC NET updates with firmware release: 28970909 http://support.automation.siemens.com/ww/view/de/28970909	Extended functionality compared with the previous firmware version: Improved options for access by Siemens service personnel using special diagnostic tools allow more precise analysis of disruptions. - Among other things, the product improvements eliminate the following previous problems: - Bottlenecks in connection resources in certain operational situations; - Disruptions in operational situations with fast connection establishment or termination. - Reading SSL 0x119 (LED status display of the module). - The disabling of time-of-day synchronization by resetting memory or resetting to factory defaults is now accepted without cycling the power supply. - Note: The new version of the firmware can be used without restrictions on all hardware product versions in use.	STEP 7 as of version V5.2 SP1

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Characteristic data of the device		STEP 7 / NCM S7 version
Order numbers / versions	Characteristics	
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 4 Firmware version: V2.6 21835974 http://support.automation.siemens.com/ww/view/de/21835974 Relevant documentation S7 CPs for Industrial Ethernet manual as of release 06 - 2/2003 - General part 8777865 http://support.automation.siemens.com/ww/view/de/8777865 - Part specific to the CP 443-1 8776219 http://support.automation.siemens.com/ww/view/de/8776219 SIMATIC NET updates with firmware release: 21835329 http://support.automation.siemens.com/ww/view/de/21835329	Extended functionality compared with the previous firmware version: None; Product improvements only - Among other things, the product improvements eliminate the following previous problems: - The sporadic simultaneous lighting up of the STOP and RUN LEDs during operation no longer occurs. - Time-of-day synchronization NTP: The configuration option "Time-of-day synchronization on the full minute" now works in all cases. - SEND/RECEIVE: A WRITE job with the data length 0 bytes is now replied to with the correct error ID 0x06 in the WRITE response frame.	STEP 7 as of version V5.2 SP1
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 4 Firmware version: V2.5 Relevant documentation S7 CPs for Industrial Ethernet manual as of release 06 - 2/2003 - General part 8777865 http://support.automation.siemens.com/ww/view/de/8777865 - Part specific to the CP 443-1 8776219 http://support.automation.siemens.com/ww/view/de/8776219 SIMATIC NET updates with CP release: 18643903 http://support.automation.siemens.com/ww/view/de/18643903	Extended functionality compared with the previous firmware version: None; Product improvements only	STEP 7 as of version V5.2 SP1

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Characteristic data of the device		STEP 7 / NCM S7 version
Order numbers / versions	Characteristics	
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 4 Firmware version: V2.4 Relevant documentation S7 CPs for Industrial Ethernet manual as of release 06 - 2/2003 - General part 8777865 (http://support.automation.siemens.com/ww/view/de/8777865) - Part specific to the CP 443-1 8776219 (http://support.automation.siemens.com/ww/view/de/8776219) SIMATIC NET updates with CP release: 17504794 (http://support.automation.siemens.com/ww/view/de/17504794)	Extended functionality compared with the previous firmware version: None; Product improvements only	STEP 7 as of version V5.2 SP1
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 4 Firmware version: V2.3 Relevant documentation S7 CPs for Industrial Ethernet manual as of release 06 - 2/2003 - General part 8777865 (http://support.automation.siemens.com/ww/view/de/8777865) - Part specific to the CP 443-1 8776219 (http://support.automation.siemens.com/ww/view/de/8776219) SIMATIC NET updates with CP release: 15364346 (http://support.automation.siemens.com/ww/view/de/15364346)	Extended functionality compared with the previous firmware version: - IP access protection (IPACL) - S5/S7 Addressing Mode - Product improvements (see SIMATIC NET update) - Note: The new version of the firmware can be used without restrictions on all hardware product versions in use.	STEP 7 as of version V5.2 SP1

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Characteristic data of the device		STEP 7 / NCM S7 version
Order numbers / versions	Characteristics	
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 4 Firmware version: V2.2 Relevant documentation Manual S7-CPs for Industrial Ethernet as of release 06 - 2/2003	Extended functionality compared with the previous firmware version: None; Product improvements only	STEP 7 Version V5.1 SP2 or higher
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 4 Firmware version: V2.1 Relevant documentation S7 CPs for Industrial Ethernet manual Release 05 - 11/2002	Extended functionality compared with the previous firmware version: None; product improvements only and improved performance	STEP 7 Version V5.1 SP2 or higher

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Characteristic data of the device		STEP 7 / NCM S7 version
Order numbers / versions	Characteristics	
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 3 Firmware version: V2.0 Relevant documentation S7 CPs for Industrial Ethernet manual Release 05 - 11/2002	The CP 443-1 can be used as a replacement for the following previous products: CP 443-1 Order number: 6GK7 443-1EX11-0XE0 as of A1 CP 443-1 Order number: 6GK7 443-1EX10-0XE0 CP 443-1 Order number: 6GK7 443-1EX02-0XE0 CP 443-1 TCP Order number: 6GK7 443-1EX01-0XE0 CP 443-1 TCP Order number: 6GK7 443-1EX00-0XE0 CP 443-1 ISO Order number: 6GK7 443-1BX01-0XE0 CP 443-1 ISO Order number: 6GK7 443 1BX00-0XE0 Extended functionality compared with the previous firmware version: - Timeofday synchronization over Industrial Ethernet using the following configurable modes: - SIMATIC mode or - NTP mode (NTP: Network Time Protocol) - Addressable over default MAC address - Multicast over UDP connection - CP obtainable over IP after memory reset - Enhanced diagnostics	STEP 7 Version V5.1 SP2 or higher
Order number: 6GK7 443-1EX11-0XE0 Hardware product version: 1 Firmware version: V1.1 Relevant documentation Manual Document no.: C79000-G8976-C152 release 10/2000 included on the S7-CP Documentation CD release 6/2001 SIMATIC NET updates with CP release: 5932127 http://support.automation.siemens.com/ww/view/de/5932127	Extended functionality compared with previous product CP 4431 (6GK7 4431EX100XE0): - Selectable keepalive - Printed MAC address (burnt into the CP and can be used as an emergency address when downloading the firmware)	STEP 7 Version V5.1 SP1 or higher



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