



SIMATIC MODBUS/TCP CP FOR CP343-1 AND CP443-1, SINGLE LICENSE,  
Online Software Delivery

General information	
Engineering with	
• STEP 7 TIA Portal configurable/integrated from version	V14
• STEP 7 configurable/integrated from version	STEP 7 V5.5 or higher
• PCS 7 configurable/integrated from version	PCS 7 V7.1 SP2
Redundancy	
• Redundancy capability	No
Protocols	
SIMATIC communication	
• Communication as Modbus server	Yes
• Communication as Modbus client	Yes
• User data per job (of which consistent), max.	250 byte
Operating systems	
Runs under operating system	
• Windows XP	Yes
• Windows 7	Yes
Software	
Runtime software	
Target system	
— ET 200S	Yes; FW V3.2 or higher
— S7-300	Yes; FW V3.2 or higher
— S7-400	Yes; FW V6.0 or higher
— WinAC	No
— Suitable for other target system	Yes; See: <a href="https://support.industry.siemens.com/cs/ww/en/view/104946406">https://support.industry.siemens.com/cs/ww/en/view/104946406</a>
Block	
• Local data requirements	288 byte
• FB length in RAM, max.	18 kbyte
• Multi-instance capable	Yes
Communication data	
• Multiport	Yes; Dependent on CP
• implemented function codes	01, 02, 03, 04, 05, 06, 15, 16
Authorization/licenses	
• Single license (EL)	Yes
Configuration	
Configuration software	
• Wizard for configuration support	Yes; Wizard
Programming	
Programming language	
— LAD	Yes

— FBD	Yes
— STL	Yes
— SCL	Yes
— CFC	Yes
— GRAPH	Yes

Configuration examples

— STL example project	Yes
— CFC example project	Yes

Documentation

Languages

• German	Yes
• English	Yes

Classifications

	Version	Classification
eClass	14	27-24-25-05
eClass	12	27-24-25-05
eClass	9.1	27-24-25-05
eClass	9	27-24-25-05
eClass	8	27-24-25-05
eClass	7.1	27-24-25-05
eClass	6	27-24-25-05
ETIM	10	EC002582
ETIM	9	EC002582
ETIM	8	EC002582
ETIM	7	EC002582
IDEA	4	7151
UNSPSC	15	43-23-36-03

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)

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