



SIMATIC MODBUS/TCP CP for CP343-1 and CP443-1, Single license, on CD-ROM

General information	
Engineering with	
<ul style="list-style-type: none"> STEP 7 TIA Portal configurable/integrated from version STEP 7 configurable/integrated from version PCS 7 configurable/integrated from version 	V14 STEP 7 V5.5 or higher PCS 7 V7.1 SP2
Redundancy	
<ul style="list-style-type: none"> Redundancy capability 	No
Protocols	
SIMATIC communication	
<ul style="list-style-type: none"> Communication as Modbus server Communication as Modbus client User data per job (of which consistent), max. 	Yes Yes 250 byte
Operating systems	
Runs under operating system	
<ul style="list-style-type: none"> Windows XP Windows 7 	Yes 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: https://support.industry.siemens.com/cs/ww/en/view/104946406
Block	
<ul style="list-style-type: none"> Local data requirements FB length in RAM, max. Multi-instance capable 	288 byte 18 kbyte Yes
Communication data	
<ul style="list-style-type: none"> Multiport implemented function codes 	Yes; Dependent on CP 01, 02, 03, 04, 05, 06, 15, 16
Authorization/licenses	
<ul style="list-style-type: none"> Single license (EL) 	Yes
Configuration	
Configuration software	
<ul style="list-style-type: none"> Wizard for configuration support 	Yes; Wizard
configuration / programming / header	
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; Electronic, included on CD
• English	Yes; Electronic, included on CD

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](#)

last modified:

3/12/2024 