



SIMATIC MODBUS/TCP PN-CPU Single license, on CD-ROM

General information	
Engineering with	
<ul style="list-style-type: none"> STEP 7 TIA Portal configurable/integrated from version 	V13
<ul style="list-style-type: none"> STEP 7 configurable/integrated from version 	STEP 7 V5.5 or higher
<ul style="list-style-type: none"> PCS 7 configurable/integrated from version 	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 	Yes
<ul style="list-style-type: none"> Communication as Modbus client 	Yes
<ul style="list-style-type: none"> User data per job (of which consistent), max. 	250 byte
Operating systems	
Runs under operating system	
<ul style="list-style-type: none"> Windows XP 	Yes
<ul style="list-style-type: none"> Windows 7 	Yes
Software	
Runtime software	
Target system	
— ET 200S	Yes; FW V3.2 or higher
— ET 200pro	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 	156 byte
<ul style="list-style-type: none"> FB length in RAM, max. 	19 kbyte
<ul style="list-style-type: none"> Multi-instance capable 	Yes
Communication data	
<ul style="list-style-type: none"> Multiport 	Yes
<ul style="list-style-type: none"> Client-server coupling 	SIMATIC S7 as master or slave
<ul style="list-style-type: none"> implemented function codes 	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
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; 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](#)

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