



SIMATIC MODBUS/TCP PN-CPU Online Software Delivery Single license

General information	
Engineering with	
• STEP 7 TIA Portal configurable/integrated from version	V13
• 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
— 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://www.modulplc.com/?s=6AV6676-6MB20-3AD0
Block	
• Local data requirements	156 byte
• FB length in RAM, max.	19 kbyte
• Multi-instance capable	Yes
Communication data	
• Multiport	Yes
• Client-server coupling	SIMATIC S7 as master or slave
• 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	16	27-24-25-05
	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:

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