SIEMENS

Data sheet   **6AV6676-6MB20-3AX0**

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

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://support.industry.siemens.com/cs/ww/en/view/104946406
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 / header	
Configuration software	
● 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

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