



SIMATIC MODBUS/TCP CP Red for S7-400 H systems, single license on CD

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	Yes; Suitable for configuring H systems
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: https://support.industry.siemens.com/cs/ww/en/view/104946406
Block	
• Local data requirements	344 byte
• FB length in RAM, max.	22 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 / 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

last modified:

12/16/2020 