



Figure similar

SIMATIC S7, MODBUS Slave V3.1 single license for 1 installation R-SW, SW and DOCU on CD, HW dongle, Class A, 3 languages (de, de, fr, en fr), executable in STEP 7 V4.02 or higher, reference hardware: CP 341 and CP 441-2

Operating systems

Runs under operating system

• Windows 9x	No
• Windows ME	No
• Windows NT 4.0	No
• Windows 2000	No
• Windows XP	Yes

Software

Software class	A
Target system	CP 341 AND CP 441-2

Block

• Communications FB instance DB	FB 180, DB 180 (use of a multi-instance)
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Adjustable parameters

• Enable of the memory areas writeable by the master possible	Yes
• Number of work DB (for FB editing) possible	Yes
• Factor for the character delay time	1 to 10
• Modem operation (ignore filler characters)	with/without
• RS 485 operation for 2-wire connection	with/without
• Slave address of the CP	1 to 255
• Transmission rate	300 bit/s to 76 800 bit/s; (TTY to 19 200 bit/s)
• Conversion of Modbus addresses to S7 data areas	Yes
• Preassignment of receive circuit on application of the X.27 interface module	Yes
• Character frame	Yes

Communication data

• CRC polynomial	$X^{16} + x^{15} + x^2 + 1$
• Modbus protocol	with RTU format
• implemented function codes	01, 02, 03, 04, 05, 06, 08, 15, 16
• Conversion of Modbus addresses to S7 data areas	DB, memory bits, outputs, inputs, times, counters
• V.24 control and signal cables	none
• Character delay time	3.5 characters or multiples

Authorization/licenses

• Single license (EL)	Yes
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configuration / header

configuration / programming / header

Programming language	
— LAD	Yes
— FBD	Yes
— STL	Yes

Documentation	
Languages	
• German	Yes
• English	Yes
• French	Yes

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