



SIMATIC S7,  
 MODBUS MASTER V3.1 SINGLE LICENSE F.1  
 INSTALLATION R-SW,  
 SW AND DOCU. ON CD, HW-DONGLE, CLASS A,  
 3 LANGUAGES (G,E,F),  
 EXECUTABLE U. STEP7 FROM V4.2,  
 REFERENCE-HW: CP341 AND CP441-2

<b>Standards, approvals, certificates</b>	
Developed according to IEC 61131	Yes
<b>Software</b>	
Class A	Yes
<b>Runtime software</b>	
<b>Target system</b>	
Target system	SIMATIC CP 341/CP 441-2
<b>Adjustable parameters</b>	
Response monitoring time	100 ms to 25.5 s in 100-ms grid
Factor for the character delay time	1 or 10
Modem operation (ignore filler characters)	with/without
RS 485 operation for 2-wire connection	with/without
Preassignment of receive circuit on application of the X.27 interface module	Yes
<b>Communication data</b>	
CRC polynomial	$X^{16} + x^{15} + x^2 + 1$
Receive mailbox	Specified on BRCV
Master-slave coupling	SIMATIC S7 is master
Modbus protocol	with RTU format

<b>implemented function codes</b>	01, 02, 03, 04, 05, 06, 07, 08, 11, 12, 15, 16
<b>Broadcast Message</b>	possible
<b>Transmission rate</b>	300 bit/s to 76800 bit/s; (TTY to 19200 bit/s)
<b>V.24 control and signal cables</b>	none
<b>Character delay time</b>	3.5 characters or multiples
<b>Authorization/licenses</b>	
<b>Single license (EL)</b>	Yes
<b>Documentation</b>	
<b>Languages</b>	
<b>German</b>	Yes
<b>English</b>	Yes
<b>French</b>	Yes
Status	Feb 18, 2013