SIEMENS

Data sheet   **6ES7870-1AA01-0YA0**

SIMATIC S7, MODBUS Master 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

Figure similar

Standards, approvals, certificates	
developed in accordance with IEC 61131	Yes
Operating systems	
Runs under operating system	
● Windows 9x	No
● Windows ME	No
● Windows NT 4.0	No
● Windows 2000	No
● Windows XP	Yes
● Windows 7	Yes
Software	
Software class	A
Target system	SIMATIC CP 341/CP 441-2
Adjustable parameters	
● 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
Communication data	
● CRC polynomial	$X16 + x15 + x2 + 1$
● Receive mailbox	Specified on BRCV
● Modbus protocol	with RTU format
● implemented function codes	01, 02, 03, 04, 05, 06, 07, 08, 11, 12, 15, 16
● Broadcast Message	possible
● Transmission rate	300 bit/s to 76 800 bit/s; (TTY to 19 200 bit/s)
● V.24 control and signal cables	none
● Character delay time	3.5 characters or multiples
Authorization/licenses	
● Single license (EL)	Yes
Documentation	
Languages	
● German	Yes
● English	Yes
● French	Yes

last modified:	3/4/2021