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 🗗