SIEMENS

Data sheet 6AV6676-6MB10-0AD0



SIMATIC MODBUS/TCP PN RED FOR S7-400 PN-(H) SYSTEMS, Online Software Delivery SINGLE LICENSE

General information	
Engineering with	
● STEP 7 TIA Portal configurable/integrated from version	V13
● STEP 7 configurable/integrated from version	STEP 7 V5.5 SP2 HF1 or higher
● PCS 7 configurable/integrated from version	PCS 7 V8.0 Udp1
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
— S7-300	Yes
— S7-400	Yes
— WinAC	Yes
— Suitable for other target system	Yes; See: https://www.modulplc.com/?s=6AV6676-6MB10-0AD0
Block	
● Local data requirements	186 byte
● FB length in RAM, max.	29 kbyte
● Multi-instance capable	Yes
Communication data	
● Multiport	Yes
● implemented function codes	01, 02, 03, 04, 05, 06, 15, 16
Authorization/licenses	
● Single license (EL)	Yes
Configuration	
Configuration software	
● Wizard for configuration support	Yes; Wizard
Programming	
Programming language	
— LAD	Yes

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— FBD	Yes
— STL	Yes
— SCL	Yes
— CFC	Yes
— GRAPH	Yes
Configuration examples	
— STL example project	Yes
— CFC example project	Yes

Documentation

Languages	
● German	Yes
● English	Yes

Classifications

	Version	Classification
eClass	16	27-24-25-05
eClass	14	27-24-25-05
eClass	12	27-24-25-05
eClass	9.1	27-24-25-05
eClass	9	27-24-25-05
eClass	8	27-24-25-05
eClass	7.1	27-24-25-05
eClass	6	27-24-25-05
ETIM	10	EC002582
ETIM	9	EC002582
ETIM	8	EC002582
ETIM	7	EC002582
IDEA	4	7151
UNSPSC	15	43-23-36-03

Approvals / Certificates

General Product Approval

Manufacturer Declaration

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