



SIMATIC MODBUS/TCP PN Red for S7-400 PN-(H) systems, Single license, on CD-ROM

General information	
Engineering with	
<ul style="list-style-type: none"> <li>STEP 7 TIA Portal configurable/integrated from version</li> </ul>	V13
<ul style="list-style-type: none"> <li>STEP 7 configurable/integrated from version</li> </ul>	STEP 7 V5.5 SP2 HF1 or higher
<ul style="list-style-type: none"> <li>PCS 7 configurable/integrated from version</li> </ul>	PCS 7 V8.0 Udp1
Redundancy	
<ul style="list-style-type: none"> <li>Redundancy capability</li> </ul>	Yes; Suitable for configuring H systems
Protocols	
SIMATIC communication	
<ul style="list-style-type: none"> <li>Communication as Modbus server</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Communication as Modbus client</li> </ul>	Yes
<ul style="list-style-type: none"> <li>User data per job (of which consistent), max.</li> </ul>	250 byte
Operating systems	
Runs under operating system	
<ul style="list-style-type: none"> <li>Windows XP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Windows 7</li> </ul>	Yes
Software	
Runtime software	
Target system	
— ET 200S	Yes
— S7-300	Yes
— S7-400	Yes
— WinAC	Yes
— Suitable for other target system	Yes; See: <a href="https://support.industry.siemens.com/cs/ww/en/view/104946406">https://support.industry.siemens.com/cs/ww/en/view/104946406</a>
Block	
<ul style="list-style-type: none"> <li>Local data requirements</li> </ul>	186 byte
<ul style="list-style-type: none"> <li>FB length in RAM, max.</li> </ul>	29 kbyte
<ul style="list-style-type: none"> <li>Multi-instance capable</li> </ul>	Yes
Communication data	
<ul style="list-style-type: none"> <li>Multiport</li> </ul>	Yes
<ul style="list-style-type: none"> <li>implemented function codes</li> </ul>	01, 02, 03, 04, 05, 06, 15, 16
Authorization/licenses	
<ul style="list-style-type: none"> <li>Single license (EL)</li> </ul>	Yes
Configuration	
Configuration software	
<ul style="list-style-type: none"> <li>Wizard for configuration support</li> </ul>	Yes; Wizard
Programming	
Programming language	
— LAD	Yes

— FBD	Yes
— STL	Yes
— SCL	Yes
— CFC	Yes
— GRAPH	Yes

**Configuration examples**

— STL example project	Yes
— CFC example project	Yes

**Documentation**

**Languages**

- German Yes; Electronic, included on CD
- English Yes; Electronic, included on CD

**Classifications**

	Version	Classification
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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3/12/2024 