



SIMATIC MODBUS/TCP PN-CPU 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> <li>STEP 7 configurable/integrated from version</li> <li>PCS 7 configurable/integrated from version</li> </ul>	V11 / V13 Update 3 STEP 7 V5.5 or higher PCS 7 V7.1 SP2
Redundancy	
<ul style="list-style-type: none"> <li>Redundancy capability</li> </ul>	No
Protocols	
SIMATIC communication	
<ul style="list-style-type: none"> <li>Communication as Modbus server</li> <li>Communication as Modbus client</li> <li>User data per job (of which consistent), max.</li> </ul>	Yes Yes 250 byte
Operating systems	
Runs under operating system	
<ul style="list-style-type: none"> <li>Windows XP</li> <li>Windows 7</li> </ul>	Yes Yes
Software	
Runtime software	
Target system	
<ul style="list-style-type: none"> <li>ET 200S</li> <li>ET 200pro</li> <li>S7-300</li> <li>S7-400</li> <li>WinAC</li> <li>Suitable for other target system</li> </ul>	Yes Yes Yes Yes Yes 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> <li>FB length in RAM, max.</li> <li>Multi-instance capable</li> </ul>	156 byte 19 kbyte Yes
Communication data	
<ul style="list-style-type: none"> <li>Multiport</li> <li>implemented function codes</li> </ul>	Yes 01, 02, 03, 04, 05, 06, 15, 16
Authorization/licenses	
<ul style="list-style-type: none"> <li>Single license (EL)</li> </ul>	Yes
configuration / header	
Configuration software	
<ul style="list-style-type: none"> <li>Wizard for configuration support</li> </ul>	Yes; Wizard
configuration / programming / header	
Programming language	
<ul style="list-style-type: none"> <li>LAD</li> </ul>	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

last modified:

3/11/2024 