



SIMATIC Modbus/TCP CP RED for S7-400 H systems, Single Online Software Delivery Single License

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>	<p>V13</p> <p>STEP 7 V5.5 or higher</p> <p>PCS 7 V7.1 SP2</p>
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> <li>Communication as Modbus client</li> <li>User data per job (of which consistent), max.</li> </ul>	<p>Yes</p> <p>Yes</p> <p>250 byte</p>
Operating systems	
Runs under operating system	
<ul style="list-style-type: none"> <li>Windows XP</li> <li>Windows 7</li> </ul>	<p>Yes</p> <p>Yes</p>
Software	
Runtime software	
Target system	
<ul style="list-style-type: none"> <li>ET 200S</li> <li>S7-300</li> <li>S7-400</li> <li>WinAC</li> <li>Suitable for other target system</li> </ul>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p> <p>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></p>
Block	
<ul style="list-style-type: none"> <li>Local data requirements</li> <li>FB length in RAM, max.</li> </ul>	<p>302 byte</p> <p>24 kbyte</p>
Communication data	
<ul style="list-style-type: none"> <li>Multiport</li> <li>implemented function codes</li> </ul>	<p>Yes; Dependent on CP</p> <p>01, 02, 03, 04, 05, 06, 15, 16</p>
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	

— 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; Online software delivery

**last modified:**

12/16/2020 