



SIMATIC MODBUS/TCP CP Red for S7-400 H systems, single license on CD

| 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> | V13<br>STEP 7 V5.5 or higher<br>PCS 7 V7.1 SP2  |
| 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>                                   | Yes<br>Yes<br>250 byte  |
| Operating systems   |   |
| Runs under operating system   |   |
| <ul style="list-style-type: none"> <li>Windows XP</li> <li>Windows 7</li> </ul>   | Yes<br>Yes  |
| Software  |   |
| Runtime software  |   |
| Target system   |   |
| — ET 200S   | Yes; FW V3.2 or higher  |
| — S7-300  | Yes; FW V3.2 or higher  |
| — S7-400  | Yes; FW V6.0 or higher  |
| — WinAC   | No  |
| — 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> <li>FB length in RAM, max.</li> <li>Multi-instance capable</li> </ul>   | 344 byte<br>22 kbyte<br>Yes   |
| Communication data  |   |
| <ul style="list-style-type: none"> <li>Multiport</li> <li>implemented function codes</li> </ul>   | Yes; Dependent on CP<br>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 