



SIMATIC Modbus/TCP Red for S7-1200/S7-1500, single license

General information	
Engineering with	
<ul style="list-style-type: none"> <li>STEP 7 TIA Portal configurable/integrated from version</li> </ul>	V15
Redundancy	
<ul style="list-style-type: none"> <li>Redundancy capability</li> </ul>	Yes; redundant connection
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 7</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Windows 10</li> </ul>	Yes
Software	
Runtime software	
Target system	
<ul style="list-style-type: none"> <li>S7-1200</li> </ul>	Yes
<ul style="list-style-type: none"> <li>S7-1500</li> </ul>	Yes
Block	
<ul style="list-style-type: none"> <li>Multi-instance capable</li> </ul>	Yes
Communication data	
<ul style="list-style-type: none"> <li>Multipoint</li> </ul>	Yes
<ul style="list-style-type: none"> <li>implemented function codes</li> </ul>	01, 02, 03, 04, 05, 06, 08, 11, 15, 16
Authorization/licenses	
<ul style="list-style-type: none"> <li>Single license (EL)</li> </ul>	Yes
Configuration	
Programming	
Programming language	
<ul style="list-style-type: none"> <li>LAD</li> </ul>	Yes
<ul style="list-style-type: none"> <li>FBD</li> </ul>	Yes
<ul style="list-style-type: none"> <li>STL</li> </ul>	Yes
<ul style="list-style-type: none"> <li>SCL</li> </ul>	Yes
<ul style="list-style-type: none"> <li>GRAPH</li> </ul>	Yes
Documentation	
Languages	
<ul style="list-style-type: none"> <li>German</li> </ul>	Yes
<ul style="list-style-type: none"> <li>English</li> </ul>	Yes
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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5/22/2024 