

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



General information

Engineering with

- | | |
|--|-------------------------------|
| • STEP 7 TIA Portal configurable/integrated from version | V13 |
| • STEP 7 configurable/integrated from version | STEP 7 V5.5 SP2 HF1 or higher |
| • PCS 7 configurable/integrated from version | PCS 7 V8.0 Udp1 |

Redundancy

- | | |
|-------------------------|---|
| • Redundancy capability | Yes; Suitable for configuring H systems |
|-------------------------|---|

Protocols

SIMATIC communication

- | | |
|---|----------|
| • Communication as Modbus server | Yes |
| • Communication as Modbus client | Yes |
| • User data per job (of which consistent), max. | 250 byte |

Operating systems

Runs under operating system

- | | |
|--------------|-----|
| • Windows XP | Yes |
| • Windows 7 | Yes |

Software

Runtime software

Target system

| | |
|------------------------------------|--|
| — ET 200S | Yes |
| — S7-300 | Yes |
| — S7-400 | Yes |
| — WinAC | Yes |
| — Suitable for other target system | Yes; See: https://support.industry.siemens.com/cs/ww/en/view/104946406 |

Block

| | |
|---------------------------|----------|
| • Local data requirements | 186 byte |
| • FB length in RAM, max. | 29 kbyte |
| • Multi-instance capable | Yes |

Communication data

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|------------------------------|--------------------------------|
| • Multiport | Yes |
| • implemented function codes | 01, 02, 03, 04, 05, 06, 15, 16 |

Authorization/licenses

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|-----------------------|-----|
| • Single license (EL) | Yes |
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Configuration

Configuration software

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|------------------------------------|-------------|
| • Wizard for configuration support | Yes; Wizard |
|------------------------------------|-------------|

Programming

Programming language

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| — LAD | Yes |
| — FBD | Yes |
| — STL | Yes |
| — SCL | Yes |
| — CFC | Yes |
| — GRAPH | Yes |

Configuration examples

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|-----------------------|-----|
| — STL example project | Yes |
| — CFC example project | Yes |

Documentation

Languages

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

last modified: 10/05/2020