SIEMENS

## Data sheet 6AV6676-6MB10-0AD0




SIMATIC MODBUS/TCP PN RED FOR S7-400 PN-(H) SYSTEMS, Online Software Delivery SINGLE LICENSE

| | |
|---|---|
| **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 | |
| ● Multiport | Yes |
| ● implemented function codes | 01, 02, 03, 04, 05, 06, 15, 16 |
| Authorization/licenses | |
| ● Single license (EL) | Yes |
| **Configuration** | |
| Configuration software | |
| ● Wizard for configuration support | Yes; Wizard |
| Programming | |
| Programming language | |
| — LAD | Yes |


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| | |
|---|---|
| — FBD | Yes |
| — STL | Yes |
| — SCL | Yes |
| — CFC | Yes |
| — GRAPH | Yes |
| Configuration examples | |
| — STL example project | Yes |
| — CFC example project | Yes |

## Documentation

| | |
|---|---|
| Languages | |
| ● German | Yes |
| ● English | Yes |

## Classifications

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-25-05 |
| 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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