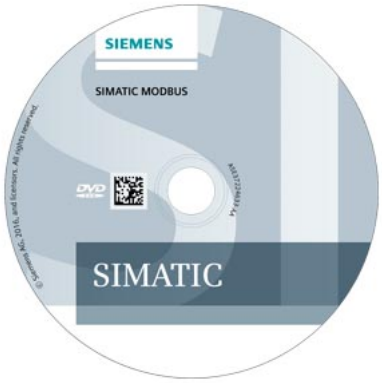
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## Data sheet 6AV6676-6MB40-0AX0




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

| | |
|---|---|
| **General information** | |
| Engineering with | |
| ● STEP 7 TIA Portal configurable/integrated from version | V15 |
| Redundancy | |
| ● Redundancy capability | Yes; redundant connection |
| **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 7 | Yes |
| ● Windows 10 | Yes |
| **Software** | |
| Runtime software | |
| Target system | |
| — S7-1200 | Yes |
| — S7-1500 | Yes |
| Block | |
| ● Multi-instance capable | Yes |
| Communication data | |
| ● Multiport | Yes |
| ● implemented function codes | 01, 02, 03, 04, 05, 06, 08, 11, 15, 16 |
| Authorization/licenses | |
| ● Single license (EL) | Yes |
| **Configuration** | |
| Programming | |
| Programming language | |
| — LAD | Yes |
| — FBD | Yes |
| — STL | Yes |
| — SCL | Yes |
| — GRAPH | Yes |
| **Documentation** | |
| Languages | |
| ● German | Yes |
| ● English | Yes |
| **Classifications** | |


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| | 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

**last modified:** 5/22/2024


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