SIEMENS

## Data sheet 6ES7648-2CF10-1AA0

SIMATIC CP1625, PCIe card for PROFINET IRT for Softwarecontroller CPU1500S



Figure similar

| | |
|---|---|
| **General information** | |
| Product type designation | CP 1625 |
| Product function | |
| ● Proxy functionality | No |
| **Installation type/mounting** | |
| Design | Plug-in card |
| **Supply voltage** | |
| Type of supply voltage | DC via PCI Express |
| **Interfaces** | |
| Interfaces/bus type | PROFINET IO |
| Number of PROFINET interfaces | 1; 2 ports (switch) |
| **Interrupts/diagnostics/status information** | |
| LED status display | Yes |
| **Integrated Functions** | |
| Monitoring functions | |
| ● Fan | No |
| **Degree and class of protection** | |
| IP degree of protection | IP20 |
| **Standards, approvals, certificates** | |
| CE mark | Yes; CE marking / EC Declaration of Conformity |
| CSA approval | Yes |
| UL approval | Yes; UL 60950 |
| cULus | Yes |
| FM approval | No |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| EAC (formerly Gost-R) | Yes |
| Use in hazardous areas | |
| ● ATEX Zone 2 | Yes |
| ● IECEx Zone 2 | Yes |
| ● FM Class I Division 2 | No |
| Marine approval | |
| ● Germanischer Lloyd (GL) | No |
| ● American Bureau of Shipping (ABS) | No |
| ● Bureau Veritas (BV) | No |
| ● Det Norske Veritas (DNV) | No |
| ● Korean Register of Shipping (KRS) | No |
| ● Lloyds Register of Shipping (LRS) | No |


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| | |
|---|---|
| ● Nippon Kaiji Kyokai (Class NK) | No |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | 0 °C |
| ● max. | 55 °C |
| Ambient temperature during storage/transportation | |
| ● min. | -20 °C |
| ● max. | 70 °C |
| Altitude during operation relating to sea level | |
| ● Installation altitude above sea level, max. | 3 000 m |
| Vibrations | |
| ● Vibration resistance during operation acc. to IEC 60068-2-6 | 1 g (10 m/s²) |
| **Dimensions** | |
| Width | 21.6 mm |
| Height | 126 mm |
| Depth | 180 mm |

**Classifications**

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-06-01 |
| eClass | 14 | 27-24-06-01 |
| eClass | 12 | 27-24-06-01 |
| eClass | 9.1 | 27-24-06-01 |
| eClass | 9 | 27-24-06-01 |
| eClass | 8 | 27-24-06-01 |
| eClass | 7.1 | 27-24-06-01 |
| eClass | 6 | 27-24-06-01 |
| ETIM | 10 | EC002631 |
| ETIM | 9 | EC002631 |
| ETIM | 8 | EC002631 |
| ETIM | 7 | EC002631 |
| IDEA | 4 | 3579 |
| UNSPSC | 15 | 32-15-17-07 |

**Approvals / Certificates**

**General Product Approval**

Manufacturer Declaration

**General Product Approval** | **EMV** | **For use in hazardous locations**

China RoHS

CCC-Ex

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