

SIMATIC CP1625, PCIe card for PROFINET IRT for Softwarecontroller CPU1500S



Figure similar

| General information   |  |
|---|--|
| Product type designation  | CP 1625  |
| Product function  |  |
| <ul style="list-style-type: none"> <li>Proxy functionality</li> </ul>               | 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  |  |
| <ul style="list-style-type: none"> <li>Fan</li> </ul>                               | 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  |  |
| <ul style="list-style-type: none"> <li>ATEX Zone 2</li> </ul>                       | Yes  |
| <ul style="list-style-type: none"> <li>IECEx Zone 2</li> </ul>                      | Yes  |
| <ul style="list-style-type: none"> <li>FM Class I Division 2</li> </ul>             | No   |
| Marine approval   |  |
| <ul style="list-style-type: none"> <li>Germanischer Lloyd (GL)</li> </ul>           | No   |
| <ul style="list-style-type: none"> <li>American Bureau of Shipping (ABS)</li> </ul> | No   |
| <ul style="list-style-type: none"> <li>Bureau Veritas (BV)</li> </ul>               | No   |
| <ul style="list-style-type: none"> <li>Det Norske Veritas (DNV)</li> </ul>          | No   |
| <ul style="list-style-type: none"> <li>Korean Register of Shipping (KRS)</li> </ul> | No   |
| <ul style="list-style-type: none"> <li>Lloyds Register of Shipping (LRS)</li> </ul> | No   |

- 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/s<sup>2</sup>)

### Dimensions

|        |         |
|--------|---------|
| Width  | 21.6 mm |
| Height | 126 mm  |
| Depth  | 180 mm  |

### Classifications

|        | Version | Classification |
|--------|---------|----------------|
| 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

EMV

[Manufacturer Declaration](#)



EG-Konf.



[KC](#)



RCM



RCM

#### For use in hazardous locations

[CCC-Ex](#)

last modified:

2/6/2025