

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

- 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](#)



[KC](#)



#### For use in hazardous locations

[CCC-Ex](#)

last modified:

2/6/2025