

SIMATIC CP1625, PCIe card for PROFINET IRT for
Softwarecontroller CPU1500S



Figure similar

General information	
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)
Integrated Functions	
Monitoring functions	
• Status LEDs	Yes
• Fan	No
EMC	

Interference immunity against discharge of static electricity	
<ul style="list-style-type: none"> Interference immunity against discharge of static electricity 	all EMC immunity requirements according to SPH Environment Specification V4.2 HMI / IPC Class 1
Interference immunity against high-frequency electromagnetic fields	
<ul style="list-style-type: none"> Interference immunity against high frequency radiation 	all EMC immunity requirements according to SPH Environment Specification V4.2 HMI / IPC Class 1
Interference immunity to cable-borne interference	
<ul style="list-style-type: none"> Interference immunity on supply cables 	all EMC immunity requirements according to SPH Environment Specification V4.2 HMI / IPC Class 1

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
EMC	EN 61000-6-3, FCC Class A, EN 61000-6-4, CISPR 22, EN 55022 Class B, EN 61000-3-2 Class D, EN 61000-3-3

Use in hazardous areas	
<ul style="list-style-type: none"> ATEX Zone 2 	Yes
<ul style="list-style-type: none"> IECEX Zone 2 	Yes
<ul style="list-style-type: none"> FM Class I Division 2 	No

Marine approval	
<ul style="list-style-type: none"> Germanischer Lloyd (GL) 	Yes
<ul style="list-style-type: none"> American Bureau of Shipping (ABS) 	Yes
<ul style="list-style-type: none"> Bureau Veritas (BV) 	Yes
<ul style="list-style-type: none"> Det Norske Veritas (DNV) 	Yes
<ul style="list-style-type: none"> Korean Register of Shipping (KRS) 	Yes
<ul style="list-style-type: none"> Lloyds Register of Shipping (LRS) 	Yes
<ul style="list-style-type: none"> Nippon Kaiji Kyokai (Class NK) 	Yes

Ambient conditions	
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> min. 	-20 °C
<ul style="list-style-type: none"> max. 	70 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> Installation altitude above sea level, max. 	3 000 m
Relative humidity	
<ul style="list-style-type: none"> Relative humidity 	5 % to 90 % at 40 °C (no condensation)

Shock testing

- Shock load during operation 5 g (50 m/s²)

Dimensions

Width	21.6 mm
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Height	126 mm
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Depth	180 mm
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