

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)
Integrated Functions	
Monitoring functions	
<ul style="list-style-type: none"> <li>Status LEDs</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Fan</li> </ul>	No
EMC	
Interference immunity against discharge of static electricity	
<ul style="list-style-type: none"> <li>Interference immunity against discharge of static electricity</li> </ul>	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"> <li>Interference immunity against high frequency radiation</li> </ul>	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"> <li>Interference immunity on supply cables</li> </ul>	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"> <li>ATEX Zone 2</li> </ul>	Yes

• IECEx Zone 2	Yes
• FM Class I Division 2	No
<b>Marine approval</b>	
• 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
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	55 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	70 °C
<b>Altitude during operation relating to sea level</b>	
• Installation altitude above sea level, max.	3 000 m
<b>Relative humidity</b>	
• Relative humidity	5 % to 90 % at 40 °C (no condensation)
<b>Vibrations</b>	
• Vibration resistance during operation acc. to IEC 60068-2-6	1 g (10 m/s <sup>2</sup> )
<b>Shock testing</b>	
• Shock load during operation	5 g (50 m/s <sup>2</sup> )
<b>Dimensions</b>	
Width	21.6 mm
Height	126 mm
Depth	180 mm
<b>last modified:</b>	4/25/2023 