

SIMATIC CP 1625-2 PCIe card, communications processor for PROFINET RT/IRT for Software Controller CPU 1500S, 2 separate PROFINET interfaces each with 2 switched RJ45 ports, supplied with holding plate for Industrial Ethernet cabling

General information		
Product type designation	SIMATIC CP1625-2 PCIe card for PROFINET RT/IRT	
Product function		
• Proxy functionality	No	
Installation type/mounting		
Design	Plug-in card	
Supply voltage		
Type of supply voltage	DC via PCI Express	
Rated value (DC)	PCIe 3.3 V / 12 V	
Input current		
Current consumption, max.	PCIe 0.516 A / 0.063 A	
Inrush current, max.	PCIe 0.8 A / 1 A	
Interfaces		
Interfaces/bus type	PROFINET IO	
Number of PROFINET interfaces	2 interfaces with 2 ports each	
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	
UKCA mark	Yes; UKCA	
UL approval	Yes; cURus	
FCC	Yes; FCC Class A	
Ambient conditions		
Ambient temperature during operation		
• min.	0 °C	
• max.	70 °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.	2 000 m	
Vibrations		
• Vibration resistance during operation acc. to IEC 60068-2-6	IEC 60068-2-6 operation 10 to 200 Hz: 10 to 58 Hz: 0.375 mm, 58 to 200 Hz: 4.9 m/s ² ; storage/transportation: 5 to 8.4 Hz: 3.5 mm 8.4 to 500 Hz: 9.8 m/s ²	
Dimensions		
Width	21.6 mm	
Height	111.2 mm	
Depth	112 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

Approvals / Certificates

General Product Approval	EMV
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