SIEMENS

Data sheet 6ES7648-2CF10-1AA0

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

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● 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/s²)
Dimensions	
Width	21.6 mm
Height	126 mm
Depth	180 mm

Classifications

	Version	Classification
eClass	16	27-24-06-01
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

Manufacturer Declaration

EMV

For use in hazardous locations

CCC-Ex

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