

SIMATIC NET CP5614 PCI

Product Data Sheet

C79458-L8001-A77

Dual PROFIBUS PCI Communication Card

PCI CONNECTION	BUS COMPLIANCE	PCI SUPPLY TOLERANCE	TYPICAL PCI-SLOT CURRENT
5 V, 32-bit direct connection	PCI V2.1, Plug and Play	5 V DC $\pm 5\%$	1.6 A

Siemens C79458-L8001-A77 is a dual profibus pci communication card in the SIMATIC NET CP5614 PCI range. It is intended for compatible industrial automation projects requiring the documented PC-based PROFIBUS communication.

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VERIFIED TECHNICAL DATA

PCI connection	5 V, 32-bit direct connection
Bus compliance	PCI V2.1, Plug and Play
PCI supply tolerance	5 V DC $\pm 5\%$
Typical PCI-slot current	1.6 A
Master PROFIBUS interface	1
Additional slave interface	1
Supply safety category	SELV, EN 60950
EMC emission class	EN 50081-1 industrial/commercial scope
EMC immunity standard	EN 50082-2 industrial scope
Safety standard	EN 60950 / IEC 950

ADDITIONAL PRODUCT DATA

PROFIBUS connection	9-pin D-sub female, screw locking
Physical transmission	RS-485, floating within SELV limits
Supported transmission rates	9.6 kbit/s to 12 Mbit/s
Master bus controller	ASPC2 Step E2
Slave bus controller	DPC31

DOCUMENTED USE SETTINGS

Manufacturing and Industrial Component Production Processes: Industrial Component Manufacturing Processes.

Industrial Chemical Manufacturing and Petrochemical Processing: Chemical Production Process Automation.

Food Processing and Commercial Beverage Production: Food Processing and Production.

SYSTEM COMPATIBILITY

Integrate C79458-L8001-A77 only in the documented SIMATIC NET CP5614 PCI configuration. Match the installed interfaces and the engineered application before selecting this dual profibus pci communication card.

PRODUCT EVIDENCE

Siemens CP5613/CP5614 Product Information / Installation Instructions, S79220-A5814-X-05-7419, 08/2005; English applicable pages 37 to 46, 51 to 56, 68

AMIKON PRODUCT SUPPORT

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