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Data sheet 6GK1161-3AA00

Product type designation	**CP 1613** COMMUNICATION PROCESSOR CP 1613 PCI CARD (32BIT; 33MHZ; 5V) FOR CONNECTION TO IND. ETHERNET (10/100MBIT/S) WITH ITP AND RJ 45 PORT VIA S7-1613, TF-1613, PG-1613 AND S7-REDCONNECT, INCL. DRIVERS F. MS WINDOWS (32BIT) NT 4.0 WS/SERVER,2000PRO/SERVER XP PRO, 2003 SERVER.
Transmission rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces	
Number of electrical connections	
• at the 1st interface / acc. to Industrial Ethernet	2
Type of electrical connection	
• at the 1st interface / acc. to Industrial Ethernet	RJ45 port / 15-pin ITP connection
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• 1 / from backplane bus	5 V
• 2 / from backplane bus	12 V
Relative symmetrical tolerance / at DC	
• at 5 V	5 %
• at 12 V	5 %
Consumed current	
• 1 / from backplane bus / at DC / maximum	0.6 A
• 2 / from backplane bus / at DC / maximum	0.5 A
Power loss [W]	4 W
Permitted ambient conditions	
Protection class IP	IP00
Design, dimensions and weight	
Module format	PCI
Width	18 mm
Number of units / Note	-
Performance data	
Product functions / Redundancy	
Software / for redundancy function / required	Yes, HARDNET-IE S7-REDCONNECT for communication with SIMATIC S7 H systems

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Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	http://www.siemens.com/industrial-controls/mall
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

Security information

Security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)
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