SIEMENS

Product data sheet 6GK1161-3AA01

Product-type designation	CP 1613 A2
	COMMUNICATION PROCESSOR CP 1613 A2 PCI CARD (32BIT;33MHZ/66MHZ; 3.3V/5V UNIVERSAL KEY) FOR CONNECTION TO IND. ETHERNET (10/100MBIT/S) WITH ITP AND RJ 45 PORT VIA S7-1613 AND S7-REDCONNECT. SUPPORT FOR OPERATING SYSTEM SEE SIMATIC NET SW
Transmission rate	
Transfer rate / at the interface 1	10 … 100 Mbit/s
Interfaces	
Number of electrical connections	
• at interface 1 / in accordance with Industrial Ethernet	2
Design of electrical connection	
• at interface 1 / in accordance with Industrial Ethernet	RJ45 port / 15-pin ITP connection
Supply voltage, current consumption, power loss	
Type of voltage / of supply voltage	DC
Supply voltage	
• 1 / from backplane bus	5 V
• 2 / from the backplane bus	12 V
Relative symmetrical tolerance	
• at 5 V / with DC	5 %
• at 12 V / with DC	5 %
Consumed current	
• 1 / from backplane bus / with DC / maximum	0.45 A
• 2 / from backplane bus / with DC / maximum	0.5 A
Resistive loss	4 W
Permitted ambient conditions	

subject to modifications
© Copyright Siemens AG 2013

Ambient temperature	
• during operating	5 … 55 °C
• during storage	-20 … +60 °C
• during transport	-20 … +60 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP00
Design, dimensions and weight	
Width	21.6 mm
Height	107 mm
Depth	167 mm
Net weight	140 g
Product properties, functions, components / general	
Number of plug-in cards in the same design / can be plugged in / per PC station	4
Number of modules / note	-
Performance data	
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	120
Performance data / S7 communication	
Number of possible connections / for S7/PG communication / maximum	120
Performance data / multi-protocol mode	
Number of active connections / with multiprotocol mode	120
Number of configurable connections / per PC station	207
Performance data / PROFINET CBA	
Number of remote connection partners / with PROFINET CBA	228
Number of connections / with PROFINET CBA / total	10000
Product functions / management, configuration	
Product function / MIB support	Yes
Protocol / is supported	
• SNMP v1	Yes
• SNMP v3	No
• DCP	Yes
Configuration software	
• required	NCM PC included in scope of delivery
• for PROFINET CBA / required	Yes, SIMATIC iMAP
Identification & maintenance	
• I&M0 - device-specific information	Yes
• I&M1 - plant identification/location name	Yes

© Copyright Siemens AG 2013

Product functions / Time	
Product function / SICLOCK support	Yes
Protocol / will be supported / NTP	No
Standards, specifications, approvals	
Standard	
• for EMC	2004/108/EC
• for safety / of CSA and UL	CAN/CSA C22.2 & UL 60950-1, UL 1950
• for emitted interference	EN 61000-6-3, EN 61000-6-4
• for interference immunity	EN 61000-6-1, EN 61000-6-2
Verification of suitability	
• CE mark	Yes
• C-Tick	Yes
letzte Änderung:	Mar 4, 2013

© Copyright Siemens AG 2013