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SIEMENS

Data sheet 6GK1561-1AA01

Product type designation

CP 5611 A2

COMMUNICATION PROCESSOR CP 5611 A2 PCI-CARD (32 BIT; 3.3/5V;33/ 66 MHZ) FOR CONNECTION TO PG OR PC WITH PCI-BUS TO PROFIBUS OR MPI (NO WIN9X-SUPPORT!) CURRENTLY ONLY 32BIT SUPPORT IN CONNECTION WITH SIMATIC NET V8.2 SW! ONLY FOR EXIST. APPLIC.; FOR WIN XP OR HIGHER 6GK1561-2AA00 RECOMMENDED SEE HTTP://SUPPORT. AUTOMATION.SIEMENS.COM/WW/VIEW/ EN/84138725



Transmission rate	
Transfer rate	
• at the 1st interface / acc. to PROFIBUS	9.6 kbit/s ... 12 Mbit/s
Interfaces	
Number of electrical connections	
• at the 1st interface / acc. to PROFIBUS	1
Type of electrical connection	
• at the 1st interface / acc. to PROFIBUS	9-pin Sub-D socket (RS 485)
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• 1 / from backplane bus	5 V
Relative symmetrical tolerance / at DC	
• at 5 V	5 %
Consumed current	
• 1 / from backplane bus / at DC / maximum	0.5 A
Active power loss	2.5 W

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Permitted ambient conditions	
Ambient temperature	
• during operation	5 ... 55 °C
• during storage	-20 ... +60 °C
• during transport	-20 ... +60 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP00

Design, dimensions and weight	
Module format	PCI
Width	18 mm
Height	102 mm
Depth	130 mm
Net weight	100 g
Number of plug-in cards of same design / plug-in / per PC station	1
Number of units / Note	-

Performance data

Performance data / open communication	
Software / for open communication / by means of SEND/RECEIVE / required	Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB S7
Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	50

Performance data / PROFIBUS DP	
Software / for DP master function / required	Yes, SOFTNET-PB DP
Service / as DP master	
• DPV0	Yes
• DPV1	Yes
• DPV2	No
Number of DP slaves / on DP master / usable	64
Amount of data	
• of the address area of the inputs / as DP master / total	14640 byte
• of the address area of the outputs / as DP master / total	14640 byte
• of the address area of the inputs / per DP slave	244 byte
• of the address area of the outputs / per DP slave	244 byte
• of the address area of the diagnostic data / per DP slave	244 byte
Software / for DP slave function / required	Yes, SOFTNET-PB DP slave

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Service / as DP slave	
• DPV0	Yes
• DPV1	No
Amount of data	
• of the address area of the inputs / as DP slave / total	122 byte
• of the address area of the outputs / as DP slave / total	122 byte

Performance data / S7 communication	
Software / for S7 communication / required	Yes, SOFTNET-PB S7
Number of possible connections / for S7/PG communication / maximum	8

Performance data / multi-protocol mode	
Number of configurable connections / per PC station	207

Product functions / management, configuration	
Configuration software / required	Included in the scope of delivery of the required software product

Product functions / Diagnosis	
Product function	
• Port diagnostics	Yes

Standards, specifications, approvals	
Standard	
• for EMC	89/336/EEC
• for safety / from CSA and UL	CAN/CSA C22.2 & UL 60950-1, UL 1950
• for emitted interference	EN 61000-6-3
• for interference immunity	EN 61000-6-2
Certificate of suitability	
• CE marking	Yes
• C-Tick	Yes

Accessories	
accessories	optional: MPI cable

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/automation/net/catalog
• 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

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