SIEMENS

Data sheet	6GK1561-1AA01

product type designation	CP 5611 A2

********** spare part ********* communications processor CP 5611 A2 PCI card (32-bit; 3.3/5V; 33/66 MHz) for connection of a PG or PC with PCI bus to PROFIBUS or MPI (no Windows 9x support!) currently only 32-bit support with SIMATIC NET V8.2 software! Only for old applications, from Windows XP is 6GK1561-2AA00 recommended see http:/support. automation.siemens. com/WW/view/en/84138725.

transfer rate	
transfer rate	
● at the 1st interface / according to PROFIBUS	9.6 kbit/s ... 12 Mbit/s
interfaces	
number of electrical connections	
● at the 1st interface / according to PROFIBUS	1
type of electrical connection	
● at the 1st interface / according 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
power loss [W]	2.5 W
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 weights	
module format	PCI
width	18 mm
height	102 mm
depth	130 mm
net weight	100 g
product features, product functions, product components / general	
number of plug-in cards of same design / plug-in / per PC station	1
number of units / note	-
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

5/3/2022

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 / operable	64
data volume	
● of the address range of the inputs / as DP master / total	14640 byte
● of the address range of the outputs / as DP master / total	14640 byte
● of the address range of the inputs / per DP slave	244 byte
● of the address range of the outputs / per DP slave	244 byte
● of the address range of the diagnostic data / per DP slave	244 byte
software / for DP slave function / required	Yes, SOFTNET-PB DP slave
service / as DP slave	
● DPV0	Yes
● DPV1	No
data volume	
● of the address range of the inputs / as DP slave / total	122 byte
● of the address range 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, engineering	
configuration software / required	Included in the scope of delivery of the required software product

product functions / diagnostics	
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: 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)

last modified: 4/30/2021 ⬀

5/3/2022