SIEMENS

Product data sheet **6GK1551-2AA00**

Product-type designation	CP 5512
	COMMUNICATION PROCESSOR CP 5512 PC CARD (CARDBUS, 32 BITS) FOR CONNECTION OF A PG OR NOTEBOOK TO PROFIBUS OR MPI

Transmission rate	
Transmission rate	
• at interface 1 / in accordance with PROFIBUS	9.6 kbit/s … 12 Mbit/s
Interfaces	
Number of electrical connections / at interface 1 / in accordance with PROFIBUS	1
Design of electrical connection / at interface 1 / in accordance with PROFIBUS	9-pin Sub-D socket (RS 485)
Supply voltage, current consumption, power loss	
Type of	DC
Supply voltage	
• 1 / from backplane bus	3.3 V
Relative symmetrical tolerance	
• at 3.3 V / with DC	5 %
Consumed current	
• 1 / from backplane bus / with DC / maximum	0.52 A
Resistive loss	1.8 W
Permitted ambient conditions	
Ambient temperature	
• during operating	5 … 45 °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	
Module format	PC card Type II CardBus (32 bit)
Width	86 mm
Height	5 mm
Depth	54 mm
Net weight	130 g

Product properties, functions, components / general	
Number of plug-in cards in the same design / can be plugged in / per PC station	1
Number of modules / note	-
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
Software / for DP master function / required	Yes, SOFTNET-PB DP
Service / as DP master	
• DPV0	Yes
• DPV1	No
• DPV2	No
Number of DP slaves / on DP master / usable	64
Amount of data	
• of the address area of the inputs / as DP master / overall	7808 byte
• of the address area of the outputs / as DP master / overall	7808 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
Service / as DP slave	
• DPV0	Yes
• DPV1	No
Amount of data	
• of the address area of the inputs / as DP slave / overall	122 byte
• of the address area of the outputs / as DP slave / overall	122 byte
Software / for S7 communication / required	Yes, SOFTNET-PB S7
Number of possible connections / for S7/PG communication / maximum	8

Number of configurable connections / per PC station	207
Product function / Port diagnostics	Yes
Standards, specifications, approvals	
Standard	
• for EMC	2004/108/EC
• for safety / of CSA and UL	CAN/CSA C22.2 & UL 60950-1
• 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:	Jul 21, 2014