SIEMENS

Product data sheet

COMMUNICATION PROCESSOR CP 5611 -MPI,
CONSISTING OF PCI CARD CP 5611 A2 (32BIT; 3.3/5V;
33/66 MHZ) FOR CONNECTING PG/PC WITH PCI-BUS
TO PROFIBUS OR MPI INCL. MPI CABLE,
5M 1X 6GK1561-1AA01 1X 6ES7901-0BF00-0AA0 (NO
WIN9X-SUPPORT!) CURRENTLY ONLY 32BIT SUPPORT
IN CONNECTION WITH SIMATIC NET V8.2 SW!

Transmission rate	
Transmission rate	
• at interface 1 / in accordance with PROFIBUS	
• minimum	9.6 kbit/s
• maximum	12 Mbit/s

Interfaces	
Number of electrical connections / at interface 1 / in accordance with PROFIBUS	1

Supply voltage, current consumption, power loss	
Supply voltage	
• 1 / from backplane bus	5 V
Relative symmetrical tolerance	
• at 5 V / with DC	5 %
Consumed current	
• 1 / from backplane bus / with DC / maximum	0.5 A
Resistive loss	2.5 W

Permitted ambient conditions	
Ambient temperature	
• during operating	5 … 40 °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	18 mm
Height	102 mm
Depth	130 mm
Net weight	300 g

Product properties, functions, components / general	
Number of plug-in cards in the same design / can be plugged in / per PC station	1

Performance data	
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	50
Performance data / PROFIBUS 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	14640 byte
• of the address area of the outputs / as DP master / overall	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
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
Performance data / S7 communication	
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 / Diagnosis	
Product function / Port diagnostics	Yes

Standards, specifications, approvals	

Verification of suitability

• CE mark	Yes
• C-Tick	Yes

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