

Product type designation

CP 5512

Communications processor CP 5512 PC Card (Cardbus, 32 Bit) for connection of a PG or Notebook to PROFIBUS or MPI;



Transfer 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

3.3 V

Relative symmetrical tolerance / at DC

- at 3.3 V

5 %

Consumed current

- 1 / from backplane bus / at DC / maximum

0.52 A

Power loss [W]

1.8 W

Ambient conditions

Ambient temperature	
• during operation	5 ... 45 °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
Module format	PC card Type II CardBus (32 bit)
Width	86 mm
Height	5 mm
Depth	54 mm
Net weight	130 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

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	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 / total	7808 byte
• of the address area of the outputs / as DP master / total	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 / 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, 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	2004/108/EC
• for safety / from 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
Certificate of suitability	
• CE marking	Yes
• C-Tick	Yes
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/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	

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