

Product-type designation

CP 5622



COMMUNICATIONSPROCESSOR CP 5622 PCI EXPRESS X1-CARD FOR CONNECTING A PG OR PC WITH PCI EXPRESS-BUS TO PROFIBUS OR MPI CAN BE USED WITH 32BIT AND 64BIT OPERATING SYSTEMS ALSO SEE ARTICLE-ID 22611503

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
- 2 / from the backplane bus

3.3 V

12 V

Relative symmetrical tolerance

- at 3.3 V / with DC
- at 12 V / with DC

9 %

8 %

Consumed current

- 1 / from backplane bus / with DC / maximum
- 2 / from backplane bus / with DC / maximum

0.3 A

0.25 A

Resistive loss

4 W

Permitted ambient conditions	
Ambient temperature	
• during operating	5 ... 55 °C
• during storage	-20 ... +60 °C
• during transport	-20 ... +60 °C
Relative humidity	
• at 25 °C / without condensation / during operating / maximum	85 %
Protection class IP	IP00
Design, dimensions and weight	
Module format	PCI Express x1
Width	18 mm
Height	107 mm
Depth	101 mm
Net weight	87 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	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 / 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
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, UL 508
• 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
Accessories	
Accessories	optional: MPI cable
Security information	
Security information	<p>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. Version 3.4 – 14.11.2013-Siemens AG, I IA L CG, Nuremberg</p>

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