

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

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

Design of the 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
- 2 / from backplane bus

3.3 V

12 V

Relative symmetrical tolerance / for DC

- at 3.3 V
- at 12 V

9 %

8 %

Consumed current

- 1 / from backplane bus / for DC / maximum

0.3 A

| | |
|---|--------|
| • 2 / from backplane bus / for DC / maximum | 0.25 A |
| Active power loss | 4 W |

Permitted 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 | 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 |
| 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 | 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 / total | 14640 byte |
| • of the address area of the outputs / as DP master / total | 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 / 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 / Diagnosis

| | |
|--------------------|-----|
| 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, UL 508 |
| • 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 |

Accessories

| | |
|-----------------------|---------------------|
| accessories | optional: MPI cable |
| last modified: | 01.12.2014 |