

Product-type designation

CP 5612 MPI



COMMUNICATION PROCESSOR CP 5612 -MPI,
COMPRISING PCI-CARD CP 5612 FOR CONNECTING
PG/PC WITH PCI-BUS TO PROFIBUS OR MPI INCL. MPI
CABLE 5M;
1X 6GK1561-2AA00 1X 6ES7901-0BF00-0AA0

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

0.15 A

0.25 A

Resistive loss

3.5 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	95 %
Protection class IP	IP00
Design, dimensions and weight	
Module format	PCI
Width	18 mm
Height	107 mm
Depth	125 mm
Net weight	0.298 kg
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
- for safety / of CSA and UL
- for emitted interference
- for interference immunity

89/336/EEC

CAN/CSA C22.2 & UL 60950-1, UL 1950

EN 61000-6-3

EN 61000-6-2

Verification of suitability

- CE mark
- C-Tick

Yes

Yes

Accessories

Accessories

included in scope of supply: MPI cable

letzte Änderung:

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