

Product-type designation

CP 5603 Microbox Package

COMMUNICATION PROCESSOR CP 5603 MICROBOX PACKAGE PACK FOR USE OF CP 5603 IN MICROBOX 420/427B OR IPC 427C CONSIST. OF CP 5603 AND EXPANSION RACK FOR INSTALLATION IN MICROBOX 420/427B OR IPC 427C



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

5 V

Relative symmetrical tolerance

- at 5 V / with DC

5 %

Consumed current

- 1 / from backplane bus / with DC / maximum

0.66 A

Resistive loss

3.3 W

Permitted ambient conditions

Ambient temperature

- during operating

0 ... 70 °C

- during storage - during transport	-40 ... +70 °C
Protection class IP	IP00
Design, dimensions and weight	
Module format	PCI-104
Width	90 mm
Height	21 mm
Depth	96 mm
Net weight	80 g
Mounting type	Screw mounting
Product properties, functions, components / general	
Number of plug-in cards in the same design / can be plugged in / per PC station	4
Number of modules / note	-
Software / for open communication / by means of SEND/RECEIVE / required	FDL driver included in scope of delivery of the CP
Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	80
Software / for DP master function / required	No
Service / as DP master	
- DPV0 - DPV1 - DPV2	Yes Yes Yes
Number of DP slaves / on DP master / usable	124
Amount of data	
- of the address area of the inputs / as DP master / overall - of the address area of the outputs / as DP master / overall - of the address area of the inputs / per DP slave - of the address area of the outputs / per DP slave - of the address area of the diagnostic data / per DP slave	30256 byte 30256 byte 244 byte 244 byte 244 byte
Software / for DP slave function / required	No
Service / as DP slave	
- DPV0 - DPV1	Yes Yes
Amount of data	
- of the address area of the inputs / as DP slave / overall - of the address area of the outputs / as DP slave / overall	244 byte 244 byte
Software / for FMS communication / required	Yes, FMS-5613
Number of possible connections / for FMS connection / maximum	40
Software / for S7 communication / required	Yes, HARDNET-PB S7 (S7-5613)

Number of possible connections / for S7/PG communication / maximum

50

Number of active connections / with multiprotocol mode

50

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

2004/108/EC

CAN/CSA C22.2 & UL 60950-1, UL 508

EN 61000-6-3, EN 61000-6-4

EN 61000-6-1, EN 61000-6-2

Verification of suitability

- CE mark
- C-Tick

Yes

Yes

letzte Änderung:

Jul 21, 2014