

Product-type designation

CP 5603 S7-mEC Package

COMMUNICATION PROCESSOR CP 5603 S7-MEC PACKAGE PACK FOR USE OF CP 5603 IN SIMATIC S7-MEC;
CONSIST. OF CP 5603 AND SLOT SHEET METAL FOR CP 5603 FOR INSTALLATION IN EXPANSION MODULE EM PCI-104 OF SIMATIC S7-MEC



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	-40 ... +70 °C
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	100 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	Yes
DPV1	Yes
DPV2	Yes
Number of DP slaves / on DP master / usable	124
Amount of data	
of the address area of the inputs / as DP master / overall	30256 byte
of the address area of the outputs / as DP master / overall	30256 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	No
Service / as DP slave	
DPV0	Yes
DPV1	Yes
Amount of data	
of the address area of the inputs / as DP slave / overall	244 byte
of the address area of the outputs / as DP slave / overall	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	2004/108/EC
• for safety / of CSA and UL	CAN/CSA C22.2 & UL 60950-1, UL 1950
• 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
letzte Änderung:	Jul 21, 2014