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Find the *Siemens CP 5613 A2* at our website: ***Click HERE***

SIEMENS

Product data sheet 6GK1561-3AA01

Product-type designation	CP 5613 A2
	COMMUNICATION PROCESSOR CP 5613 A2, PCI CARD FOR CONNECTION TO PROFIBUS; INCL.DP-BASE SW, PROJ.TOOL: DP RAM INTERF.F.DP MASTER INCL. PG AND FDL PROTOCOL, SINGLE LICENSE F.1 INSTALLATION,R-SW, CLASS A;SW+ELECTR. MANUAL ON CD 2 LANG. (GER, EN); SUPPORT FOR OPERATING SYSTEM SEE SIMATIC NET SW ONLY FOR OLD APLICATIONS, FOR WINDOWS 7 OR HIGHER CP 5613 A3 IS RECOMMENDED: 6GK15613AA02
Transmission rate	
Transmission rate	
• at interface 1 / in accordance with PROFIBUS	
• minimum	9.6 kbit/s
• maximum	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	0.8 A
Resistive loss	4 W
Permitted ambient conditions	

subject to modifications
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Ambient temperature	
• during operating	5 … 50 °C
• during storage	-40 … +70 °C
• during transport	-40 … +70 °C
Relative humidity	
• at 25 °C / without condensation / during operating / maximum	85 %
Protection class IP	IP00
Design, dimensions and weight	
Module format	PCI
Width	18 mm
Height	107 mm
Depth	168 mm
Net weight	100 g
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	FMS-5613 supports up to two CP 5603 / CP 5613 A2 / CP 5614 A2 / CP 5623 / CP 5624 processors
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

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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	89/336/EEC
• for safety / of CSA and UL	CAN/CSA C22.2 & UL 60950-1, UL 1950
• for emitted interference	EN 50081-1, EN 50081-2
• for interference immunity	EN 50082-1, EN 50082-2
Verification of suitability	
• CE mark	Yes
• C-Tick	Yes
letzte Änderung:	Mar 31, 2014

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