SIEMENS

Data sheet

Product type designation

CP 5621

COMMUNICATION PROCESSOR CP 5621 PCI EXPRESS X1-CARD (32 BIT); FOR CONNECT. A PG OR A PC WITH PCI EXPRESS-BUS TO PROFIBUS OR MPI; CURRENTLY ONLY 32BIT SUPPORT IN CONNECTION WITH SIMATIC NET V8.2 SW! ONLY FOR EXIST. APPLIC.; FOR WIN XP OR HIGHER 6GK1562-2AA00 RECOMMENDED SEE HTTP://SUPPORT.

AUTOMATION.SIEMENS.COM/WW/VIEW/ EN/84138725

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
Type of 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 	3.3 V
• 2 / from backplane bus	12 V
Relative symmetrical tolerance / at DC	
• at 3.3 V	9 %
• at 12 V	8 %
Consumed current	



• 1 / from backplane bus / at DC / maximum 0.4 A • 2 / from backplane bus / at DC / maximum 0.18 A Power loss [W] 2.2 W Permitted ambient conditions Ambient temperature • during operation 5 55 ° C • during transport -20 +60 °C • during operation / maximum PIO Protection class IP IP00 Pesign, dimensions and weight Module format Module format PCI Express x1 Width 13 mm Height 111 mm Depth 129 mm Number of plug-in cards of same design / plug-in / per PC station 1 Number of plug-in cards of same design / plug-in / per PC station 5 Number of open communication / by means of SEND/RECEIVE / required S7 Number of open communication / by means of SEND/RECEIVE / maximum 50 Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master function / required Yes, SOFTINET-PB DP Sorvice / as DP		
Power loss [W] 2.2 W Permitted ambient conditions 2.2 W Amblent temperature 5 55 ° C • during storage - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • during transport - 20 + 60 ° C • Deptin 12 mm • Deptin 12 mm • Number of plug-in cards of same design / plug-in / par PC station - • Number of possible connections / for open - • Performance data / Performance data Performance data / open communication by means of SEND/RECEIVE / maximum • Setware / for open communication / by means of SEND/RECEIVE / maximum 50 Service / as DP master	 1 / from backplane bus / at DC / maximum 	
Permitted ambient conditions Ambient temperature • during storage • during storage • during transport • during operation / maximum Protection class IP IPolo Design, dimensions and weight Module format Polight 18 mm Height 111 mm Depth 129 mm Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station Number of units / Note Performance data Performance data / open communication Software / for open communication / by means of SEND/RECEIVE / required Software / for DP master function / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB S Order as DP master • DPV0 Yes • DPV1 Yes • DPV2 No Number of DP lasters function / require	 2 / from backplane bus / at DC / maximum 	0.18 A
Ambient temperature during operation during storage 20 +60 °C during transport 20 +60 °C Relative humidity / at 25 °C / without condensation / during operation / maximum 25 % Protection class IP IP00 Design, dimensions and weight Module format Width 18 mm Height 111 mm Depth 129 mm Not weight 100 g Number of plug-in cards of same design / plug-in / per PC station 1 Number of onus / Note - Performance data PCI Express x1 Vidth 18 mm SenD/RECEIVE / required - Performance data PCI express x1 Vidther of plug-in cards of same design / plug-in / per PC station 1 Number of open communication 50 Software / for open communication 50 Software / for DP master function / required Yes, SOFTNET-PB DP Service / as DP master Yes • DPV0 Yes • DPV1 Yes • DPV2	Power loss [W]	2.2 W
• during speration 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 Module format PCI Express x1 Width 18 mm Height 111 mm Depth 129 mm Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station - Performance data / open communication Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Software / for open communication / by means of SEND/RECEIVE / required Software / for DP master function / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Software / for DP master function / required Yes, SOFTNET-PB DP Software / for DP master function / required Yes, SOFTNET-PB DP Software / for DP master function / required Yes, SOFTNET-PB DP Software / for DP master / usable 64 Armount of data - of the address area of the inputs / as DP master / total 14640 byte • of the address area of the outputs / per DP 244 byte	Permitted ambient conditions	
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 during transport during transport during version / maximum Protection class IP IP00 Design, dimensions and weight Module format PCI Express x1 Width 18 mm Height 111 mm Depth 129 mm Number of plug-in cards of same design / plug-in / per PC station Number of plug-in cards of same design / plug-in / per PC station Number of plug-in cards of same design / plug-in / per PC station Number of plug-in cards of same design / plug-in / per PC station Number of plug-in cards of same design / plug-in / per formance data Performance data Performance data / open communication / by means of SEND/RECEIVE / required Software / for open communication / by means of SEND/RECEIVE / required Software / for DP master function / required Software / for DP master function / required Software / for DP master function / required Ves, SOFTNET-PB DP Software / for DP master function / required Service / as DP master OPV0 Yes OPV1 Yes OPV2 No Number of DP slaves / on DP master / usable of the address area of the outputs / as DP master / total of the address area of the outputs / as DP master / total of the address area of the outputs / as DP master / total of the address area of the outputs / per DP Sub address area of the outputs / per DP Sub address area of the outputs / per DP Sub address area of the outputs / per DP Sub address area of the outputs / per DP Sub address area of the outputs / per DP Sub address area of the out	 during operation 	5 55 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum 85 %. Protection class IP IP00 Design, dimensions and weight PCI Express x1 Module format PCI Express x1 Width 18 mm Height 111 mm Depth 129 mm Number of plug-in cards of same design / plug-in / per PC station 1 Number of plug-in cards of same design / plug-in / per PC station - Number of possible connections / for open communication / by means of SEND/RECEIVE / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Software / for DP moster function / required Software / for DP master function / required Yes, SOFTNET-PB DP Software / for DP master function / required Yes, SOFTNET-PB 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 inputs / as DP master / total 14640 byte • of the address	 during storage 	-20 +60 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum 85 % Protection class IP IP00 Design, dimensions and weight IP00 Module format PCI Express x1 Width 18 mm Height 111 mm Depth 129 mm Number of plug-in cards of same design / plug-in / per PC station 1 Number of plug-in cards of same design / plug-in / per PC station - Performance data Performance data Performance data Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB SEND/RECEIVE / required Software / for open communication / by means of SEND/RECEIVE / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Software / for DP master function / required Yes. SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB DP Software / for DP master function / required Service / as DP master Yes • DPV0 Yes • DPV1 Yes • DPV2 No Number of DP slaves / on DP master / usable 64 Amount of data 04 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	 during transport 	-20 +60 °C
during operation / maximum IP00 Protection class IP IP00 Design, dimensions and weight PCI Express x1 Module format PCI Express x1 Width 18 mm Height 111 mm Depth 129 mm Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station 1 Number of units / Note - Performance data - Performance data S7 Number of possible connections / for open communication / by means of SEND/RECEIVE / required S7 Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Software / for DP master function / required Yes DPV0 Yes • DPV0 Yes • DPV1 Yes • DPV2 No Number of DP slaves / on DP master / usable 64 Amount of data 14640 byte • of the address area of the outputs / 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 outputs / as DP 14640 byte • of the address area of the outputs / as DP 14640 byte • of the address area of the outputs / per DP		85 %
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Module format PCI Express x1 Width 18 mm Height 111 mm Depth 129 mm Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station 1 Number of units / Note - Performance data - Status - Software / for OP master function / required Yes, SOFTNET-PB DP Service / as DP master - • DPV0 Yes • DPV1 Yes • OpPv2 No Number of DP slaves / on DP master / usable • of the address area of the inputs	Protection class IP	IP00
Module format PCI Express x1 Width 18 mm Height 111 mm Depth 129 mm Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station 1 Number of units / Note - Performance data - Performance data / ppen communication / by means of SENDRECEIVE / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB 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 14640 byte master / total - <	Design, dimensions and weight	
Height 111 mm Depth 129 mm Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station 1 Number of units / Note - Performance data - Software / for open communication / by means of Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Software / for DP master function / required Yes, SOFTNET-PB 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 14640 byte		PCI Express x1
Depth 129 mm Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station 1 Number of units / Note - Performance data - Software / for open communication / by means of SEND/RECEIVE / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Software / for DP master function / required Yes, SOFTNET-PB 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 14640 byte master / total - 14640 byte	Width	18 mm
Net weight 100 g Number of plug-in cards of same design / plug-in / per PC station 1 Number of units / Note - Performance data - Performance data - Performance data - Software / for open communication / by means of SEND/RECEIVE / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB ST Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Yes, SOFTNET-PB DP Performance data / PROFIBUS DP 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 14640 byte master / total • • of the address area of the inputs / as DP 14640 byte master / total • 244 byte • of the address area of the inputs / per DP 244 byte	Height	111 mm
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 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 14640 byte master / total • • of the address area of the outputs / as DP 14640 byte master / total • 244 byte • of the address area of the inputs / per DP 244 byte	Depth	129 mm
per PC station - 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 50 Software / for DP master function / required Yes, SOFTNET-PB 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 Armount of data - • of the address area of the inputs / as DP 14640 byte master / total - • of the address area of the inputs / as DP 14640 byte master / total - • of the address area of the inputs / per DP slave 244 byte • of the address area of the outputs / per DP 244 byte	Net weight	100 g
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 / required Software / for DP Slave / SOFTNET-PB DP Slave / SOFTNET-PB S7 Software / for DP master function / required Yes, SOFTNET-PB DP Software / for DP master function / required Yes, SOFTNET-PB DP Service / as DP master Yes, SOFTNET-PB DP • 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 14640 byte • of the address area of the outputs / as DP 14640 byte master / total of the address area of the outputs / as DP 14640 byte • of the address area of the inputs / per DP slave 244 byte 244 byte • of the address area of the outputs / per DP 244 byte 244 byte	Number of plug-in cards of same design / plug-in /	1
Performance data Performance data / open communication / by means of Software / for open communication / by means of SEND/RECEIVE / required Software / for open communication / by means of SEND/RECEIVE / required Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum 50 Performance data / PROFIBUS DP 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 14640 byte master / total - • of the address area of the inputs / as DP 14640 byte master / total - • of the address area of the inputs / per DP 244 byte • of the address area of the outputs / per DP 244 byte	per PC station	
Performance data / open communication Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0 • DPV1 • DPV2 Number of DP slaves / on DP master / usable 64 Amount of data • of the address area of the inputs / as DP master / total • of the address area of the inputs / per DP slave 244 byte • of the address area of the inputs / per DP slave	Number of units / 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 Performance data / PROFIBUS DP 50 Software / for DP master function / required Yes, SOFTNET-PB DP Service / as DP master • DPV0 • DPV1 Yes • DPV2 No Number of DP slaves / on DP master / usable 64 Amount of data 14640 byte • of the address area of the inputs / 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 244 byte	Performance data	
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 50 Software / for DP master function / required Yes, SOFTNET-PB DP Service / as DP master • DPV0 • DPV1 Yes • DPV2 No Number of DP slaves / on DP master / usable 64 Amount of data 14640 byte • of the address area of the inputs / as DP 14640 byte master / total 0 of the address area of the inputs / as DP 14640 byte • of the address area of the inputs / per DP slave 244 byte 244 byte		
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 Yes • DPV2 No Number of DP slaves / on DP master / usable • 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 outputs / per DP slave 244 byte • of the address area of the outputs / per DP 244 byte	Performance data / open communication	
communication / by means of SEND/RECEIVE / maximumPerformance data / PROFIBUS DPSoftware / for DP master function / requiredYes, SOFTNET-PB DPService / as DP master• DPV0Yes• DPV1Yes• DPV2NoNumber of DP slaves / on DP master / usable64Amount of data• of the address area of the inputs / as DP14640 bytemaster / total• of the address area of the outputs / as DP14640 byte• of the address area of the inputs / per DP slave244 byte• of the address area of the outputs / per DP244 byte		Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB
maximumPerformance data / PROFIBUS DPSoftware / for DP master function / requiredYes, SOFTNET-PB DPService / as DP masterYes• DPV0Yes• DPV1Yes• DPV2NoNumber of DP slaves / on DP master / usable64Amount of data-• of the address area of the inputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the inputs / per DP slave of the address area of the inputs / per DP slave244 byte• of the address area of the outputs / per DP244 byte	Software / for open communication / by means of	
Performance data / PROFIBUS DP Software / for DP master function / required Yes, SOFTNET-PB DP Service / as DP master Yes • DPV0 Yes • DPV1 Yes • DPV2 No Number of DP slaves / on DP master / usable 64 Amount of data 14640 byte • 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 244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open	S7
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 14640 byte master / total - • of the address area of the outputs / as DP 14640 byte of the address area of the outputs / as DP 244 byte • of the address area of the inputs / per DP slave 244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE /	S7
Service / as DP masterYes• DPV0Yes• DPV1Yes• DPV2NoNumber of DP slaves / on DP master / usable64Amount of data14640 byte• of the address area of the inputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the inputs / per DP slave • of the address area of the inputs / per DP slave244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE /	S7
• DPV0Yes• DPV1Yes• DPV2NoNumber of DP slaves / on DP master / usable64Amount of data14640 byte• of the address area of the inputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the inputs / per DP244 byte• of the address area of the outputs / per DP244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP	S7 50
• DPV1Yes• DPV2NoNumber of DP slaves / on DP master / usable64Amount of data14640 byte• of the address area of the inputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the outputs / per DP slave • of the address area of the outputs / per DP244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required	S7 50
• DPV2 No Number of DP slaves / on DP master / usable 64 Amount of data 14640 byte • 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 outputs / 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 outputs / per DP slave 244 byte • of the address area of the outputs / per DP 244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master	S7 50 Yes, SOFTNET-PB DP
Number of DP slaves / on DP master / usable 64 Amount of data 14640 byte • 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 outputs / as DP master / total 14640 byte • of the address area of the outputs / per DP slave 244 byte • of the address area of the outputs / per DP 244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master	S7 50 Yes, SOFTNET-PB DP Yes
Amount of data • of the address area of the inputs / as DP 14640 byte master / total • of the address area of the outputs / as DP 14640 byte • of the address area of the outputs / as DP 14640 byte • of the address area of the inputs / per DP slave 244 byte • of the address area of the outputs / per DP 244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0	S7 50 Yes, SOFTNET-PB DP Yes
• of the address area of the inputs / as DP master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the inputs / per DP slave244 byte• of the address area of the outputs / per DP244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0 • DPV1	S7 50 Yes, SOFTNET-PB DP Yes Yes
master / total14640 byte• of the address area of the outputs / as DP master / total14640 byte• of the address area of the inputs / per DP slave • of the address area of the outputs / per DP244 byte• of the address area of the outputs / per DP244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0 • DPV1 • DPV2	S7 50 Yes, SOFTNET-PB DP Yes Yes No
master / total244 byte• of the address area of the inputs / per DP slave244 byte• of the address area of the outputs / per DP244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0 • DPV1 • DPV2 Number of DP slaves / on DP master / usable	S7 50 Yes, SOFTNET-PB DP Yes Yes No
• of the address area of the outputs / per DP 244 byte	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0 • DPV1 • DPV2 Number of DP slaves / on DP master / usable Amount of data • of the address area of the inputs / as DP	S7 50 Yes, SOFTNET-PB DP Yes Yes No 64
	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0 • DPV1 • DPV2 Number of DP slaves / on DP master / usable Amount of data • of the address area of the inputs / as DP master / total • of the address area of the outputs / as DP	S7 50 Yes, SOFTNET-PB DP Yes Yes No 64 14640 byte
slave	Software / for open communication / by means of SEND/RECEIVE / required Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum Performance data / PROFIBUS DP Software / for DP master function / required Service / as DP master • DPV0 • DPV1 • DPV2 Number of DP slaves / on DP master / usable Amount of data • of the address area of the inputs / as DP master / total • of the address area of the outputs / as DP master / total	S7 50 Yes, SOFTNET-PB DP Yes Yes No 64 14640 byte 14640 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 /	122 byte
total	
 of the address area of the outputs / as DP slave 	122 byte
/ total	
Performance data / S7 communication	
Software / for S7 communication / required	Yes, SOFTNET-PB S7
Number of possible connections / for S7/PG	8
communication / maximum	
Performance data / multi-protocol mode	
Number of configurable connections / per PC station	207
Product functions / management, configuration	
Configuration software / required	Included in the scope of delivery of the required software product
Product functions / Diagnosis	
Product function	
Port diagnostics	Yes
Standards, specifications, approvals	
Standards, specifications, approvals Standard	
	2004/108/EC
Standard	2004/108/EC CAN/CSA C22.2 & UL 60950-1, UL 508
Standard • for EMC	
Standard • for EMC • for safety / from CSA and UL	CAN/CSA C22.2 & UL 60950-1, UL 508
Standard • for EMC • for safety / from CSA and UL • for emitted interference	CAN/CSA C22.2 & UL 60950-1, UL 508 EN 61000-6-3, EN 61000-6-4
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity	CAN/CSA C22.2 & UL 60950-1, UL 508 EN 61000-6-3, EN 61000-6-4
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability	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
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking • C-Tick	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 Yes
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking	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 Yes
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking • C-Tick Accessories	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 Yes Yes
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking • C-Tick Accessories accessories	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 Yes Yes
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking • C-Tick Accessories accessories Further Information / Internet Links	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 Yes Yes
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking • C-Tick Accessories accessories Further Information / Internet Links Internet-Link • to website: Selector SIMATIC NET	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 Yes Yes
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking • C-Tick Accessories <u>Further Information / Internet Links</u> Internet-Link • to website: Selector SIMATIC NET SELECTION TOOL	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 Yes Yes optional: MPI cable
Standard • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability • CE marking • C-Tick Accessories Further Information / Internet Links Internet-Link • to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication	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 Yes Yes Optional: MPI cable



- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

Security information

Security information

http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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