SIEMENS

Data sheet

6GK1571-1AA00

product ty	pe desig	nation
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CP 5711

Communications processor CP 5711 USB adapter (USB V2.0) for connection of a PG or Notebook to PROFIBUS or MPI; contain 2 m USB cable.

transfer rate 9.6 kbit/s 12 Mbit/s • at the 1st interface / according to PROFIBUS 9.6 kbit/s 12 Mbit/s number of electrical connections 1 • et the 1st interface / according to PROFIBUS 1 • for power supply 1 • or power supply 1 • et the 1st interface / according to PROFIBUS 9-pin Sub-D socket (RS 485) • or power supply 2-pole terminal block • of the USB interface Standard-B socket with mechanical interlock standard for interfaces / USB 2.0 Yes supply 2-pole terminal block standard for interface / according nower loss Vye of voltage supply / optional external power supply vipe of voltage supply / optional external power supply Yes supply voltage DC • noru USB 5 V • external 18 30 V supply is possible Supplied directly from USB provided that supply from PC is adequate: alternative external supply is possible relative symmetrical tolerance / at DC 5 % • at 5 V 5 % • at 5 V 5 % • at 5 V 5 % • noru USB 0.5 A • noru W	transfer rate	
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relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP 85 % JP20 IP20	 during storage 	-40 +60 °C
operation / maximum protection class IP design, dimensions and weights		-40 +60 °C
design, dimensions and weights		85 %
	protection class IP	IP20
module format USB V2.0 adapter	design, dimensions and weights	
	module format	USB V2.0 adapter

width	85 mm
height	137 mm
depth	35 mm
net weight	300 g
fastening method	Mounting on DIN rail with optional mounting rail support
fastening method / 35 mm top hat DIN rail mounting	Yes
product features, product functions, product components	/ general
number of plug-in cards of same design / plug-in / per PC	1
station number of units / note	
performance data / open communication	
software / for open communication / by means of	Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB S7
SEND/RECEIVE / required 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	No
• DPV2	No
number of DP slaves / on DP master / operable	64
data volume	
 of the address range of the inputs / as DP master / total 	15616 byte
 of the address range of the outputs / as DP master / total 	15616 byte
 of the address range of the inputs / per DP slave 	244 byte
 of the address range of the outputs / per DP slave 	244 byte
 of the address range 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
 of the address range of the inputs / as DP slave / 	122 byte
 total of the address range of the outputs / as DP slave / 	122 byte
total	
performance data / S7 communication	Yes, SOFTNET-PB S7
software / for S7 communication / required number of possible connections / for S7/PG	8
communication / maximum	0
performance data / multi-protocol mode	
number of configurable connections / per PC station	207
product functions / management, configuration, engineeri	ng
configuration software / required	Included in the scope of delivery of the required software product
product functions / diagnostics	
product function	
port diagnostics	Yes
standards, specifications, approvals	
standard	
• for EMC	2004/108/EC
 for safety / from CSA and UL 	CAN/CSA C22.2 & UL 60950-1
for emitted interference	EN 61000-6-3, EN 61000-6-4
• for interference immunity	EN 61000-6-1, EN 61000-6-2
certificate of suitability	
• CE marking	Yes
C-Tick CCC / for bazardous zone according to CP standard	Yes
CCC / for hazardous zone according to GB standard	Yes
accessories	entional: MDL cable, mounting roll support
accessories	optional: MPI cable, mounting rail support

further information / internet-Links		
Internet-Link		
 to website: Industrial communication 	http://www.siemens.com/simatic-net	
 to website: Industry Mall 	http://www.siemens.com/industrial-controls/mall	
 to website: Information and Download Center 	http://www.siemens.com/industry/infocenter	
 to website: Image database 	http://automation.siemens.com/bilddb	
 to website: CAx-Download-Manager 	http://www.siemens.com/cax	
 to website: Industry Online Support 	https://support.industry.siemens.com	
security information		
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)	

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