

product type designation

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

transfer rate

- at the 1st interface / according to PROFIBUS 9.6 kbit/s ... 12 Mbit/s

interfaces

number of electrical connections

- at the 1st interface / according to PROFIBUS 1
- for power supply 1

number of interfaces / according to USB 1

type of electrical connection

- at the 1st interface / according to PROFIBUS 9-pin Sub-D socket (RS 485)
- for power supply 2-pole terminal block
- of the USB interface Standard-B socket with mechanical interlock

standard for interfaces / USB 2.0 Yes

supply voltage, current consumption, power loss

type of voltage / of the supply voltage DC

type of voltage supply / optional external power supply Yes

supply voltage

- from USB 5 V
- external 24 V
- external 18 ... 30 V
- note Supplied directly from USB provided that supply from PC is adequate; alternative external supply is possible

relative symmetrical tolerance / at DC

- at 5 V 5 %
- at 24 V 5 %

consumed current

- from USB 0.5 A
- from external supply voltage / at DC / at 24 V / maximum 0.3 A

power loss [W] 2.5 W

ambient conditions

ambient temperature

- during operation 0 ... 60 °C
- during storage -40 ... +60 °C
- during transport -40 ... +60 °C

relative humidity / at 25 °C / without condensation / during operation / maximum 85 %

protection class IP IP20

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 station	1
number of units / note	-

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

software / for DP master function / required service / as DP master	Yes, SOFTNET-PB DP
<ul style="list-style-type: none"> • DPV0 • DPV1 • DPV2 	Yes No No
number of DP slaves / on DP master / operable	64
data volume	
<ul style="list-style-type: none"> • of the address range of the inputs / as DP master / total • of the address range of the outputs / as DP master / total • of the address range of the inputs / per DP slave • of the address range of the outputs / per DP slave • of the address range of the diagnostic data / per DP slave 	15616 byte 15616 byte 244 byte 244 byte 244 byte
software / for DP slave function / required service / as DP slave	Yes, SOFTNET-PB DP slave
<ul style="list-style-type: none"> • DPV0 • DPV1 	Yes No
data volume	
<ul style="list-style-type: none"> • of the address range of the inputs / as DP slave / total • of the address range of the outputs / as DP slave / total 	122 byte 122 byte

performance data / S7 communication

software / for S7 communication / required	Yes, SOFTNET-PB S7
number of possible connections / for S7/PG communication / maximum	8

performance data / multi-protocol mode

number of configurable connections / per PC station	207
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product functions / management, configuration, engineering

configuration software / required	Included in the scope of delivery of the required software product
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product functions / diagnostics

product function	
<ul style="list-style-type: none"> • port diagnostics 	Yes

standards, specifications, approvals

standard	
<ul style="list-style-type: none"> • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity 	2004/108/EC CAN/CSA C22.2 & UL 60950-1 EN 61000-6-3, EN 61000-6-4 EN 61000-6-1, EN 61000-6-2
certificate of suitability	
<ul style="list-style-type: none"> • CE marking • C-Tick • CCC / for hazardous zone according to GB standard 	Yes Yes Yes

accessories

accessories	optional: MPI cable, mounting rail support
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further information / internet-Links

Internet-Link

- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/simatic-net>
<http://www.siemens.com/industrial-controls/mall>
<http://www.siemens.com/industry/infocenter>
<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

security information

security information

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last modified:

7/1/2021 