

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 | |
| <ul style="list-style-type: none"> at the 1st interface / according to PROFIBUS | 9.6 kbit/s ... 12 Mbit/s |
| interfaces | |
| number of electrical connections | |
| <ul style="list-style-type: none"> at the 1st interface / according to PROFIBUS | 1 |
| <ul style="list-style-type: none"> for power supply | 1 |
| number of interfaces / according to USB | 1 |
| type of electrical connection | |
| <ul style="list-style-type: none"> at the 1st interface / according to PROFIBUS | 9-pin Sub-D socket (RS 485) |
| <ul style="list-style-type: none"> for power supply | 2-pole terminal block |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> from USB | 5 V |
| <ul style="list-style-type: none"> external | 24 V |
| <ul style="list-style-type: none"> external | 18 ... 30 V |
| <ul style="list-style-type: none"> note | Supplied directly from USB provided that supply from PC is adequate; alternative external supply is possible |
| relative symmetrical tolerance / at DC | |
| <ul style="list-style-type: none"> at 5 V | 5 % |
| <ul style="list-style-type: none"> at 24 V | 5 % |
| consumed current | |
| <ul style="list-style-type: none"> from USB | 0.5 A |
| <ul style="list-style-type: none"> from external supply voltage / at DC / at 24 V / maximum | 0.3 A |
| power loss [W] | 2.5 W |
| ambient conditions | |
| ambient temperature | |
| <ul style="list-style-type: none"> during operation | 0 ... 60 °C |
| <ul style="list-style-type: none"> during storage | -40 ... +60 °C |
| <ul style="list-style-type: none"> 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 | 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 |
| data volume | |
| • of the address range of the inputs / as DP slave / total | 122 byte |
| • of the address range of the outputs / as DP slave / total | 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 |
| product functions / management, configuration, engineering | |
| 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 | |
| reference code | |
| • according to IEC 81346-2:2019 | KEC |
| accessories | |
| accessories | optional: MPI cable, mounting rail support |
| further information / internet links | |
| internet link | |
| • to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| • to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| • to website: Industrial communication | https://www.siemens.com/simatic-net |
| • to web page: SiePortal | https://sieportal.siemens.com/ |
| • to website: Image database | https://www.automation.siemens.com/bilddb |
| • to website: CAx-Download-Manager | https://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 cybersecurity functions that support the secure operation of plants, systems, machines and networks |

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General Product Approval



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EMV

For use in hazardous locations

Environment

[KC](#)



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[Confirmation](#)



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