

Siemens 6GK1162-3AA00 Manual

Brand	Siemens
Product Series	Siemens
Product Type	designation CP 1623

Description

6GK1162-3AA00

product type designation CP 1623

Communications processor CP 1623 PCI Express X1 (3, 3 V/12 V) for connection to Industrial Ethernet (10/100/1000 Mbit/s) with 2-port switch (RJ45) can be uploaded onto device HARDNET-IE S7 and S7-REDCONNECT operating system support see SIMATIC NET software released as of SIMATIC NET CD V7.0 HF1.

transfer rate

transfer rate 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s

interfaces

number of electrical connections

- at the 1st interface / according to Industrial Ethernet 2
- for power supply 1

type of electrical connection

- at the 1st interface / according to Industrial Ethernet RJ45 port
- for power supply 2-pole terminal block

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

- 1 / from backplane bus 3.3 V
- 2 / from backplane bus 12 V
- external 24 V
- external 10.5 ... 32 V

relative symmetrical tolerance / at DC

- at 3.3 V 9 %
- at 5 V 5 %
- at 12 V 8 %
- at 24 V 33 %

consumed current

- 1 / from backplane bus / at DC / maximum 0.85 A
- 2 / from backplane bus / at DC / maximum 0.4 A
- from external supply voltage / at DC / at 12 V / maximum 0.55 A
- from external supply voltage / at DC / at 24 V / maximum 0.3 A

power loss [W] 7.6 W

power loss [W] / in switch mode / maximum 7.2 W

ambient conditions

ambient temperature

- during operation 5 ... 55 °C

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- during storage -20 ... +60 °C
- during transport -20 ... +60 °C

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

95 %

protection class IP IP00

design, dimensions and weights

module format PCI Express x1 (half length)

width 18 mm

height 111 mm

depth 167 mm

net weight 124 g

product features, product functions, product components / general

number of plug-in cards of same design / plug-in / per PC

station

4

number of units / note -

performance data / open communication

software / for open communication / by means of

SEND/RECEIVE / required

Yes, HARDNET-IE S7 (S7-1613)

number of possible connections / for open communication / by

means of SEND/RECEIVE / maximum

120

performance data / S7 communication

software / for S7 communication / required Yes, HARDNET-IE S7 (S7-1613)

number of possible connections / for S7/PG communication /

maximum

120

number of possible connections / for optimized S7

communication / maximum

40

performance data / multi-protocol mode

number of active connections / with multi-protocol mode 120

number of configurable connections / per PC station 207

performance data / PROFINET CBA

software / for PROFINET CBA communication / required Yes, PN CBA OPC server

number of remote connection partners / with PROFINET CBA 228

number of connections / with PROFINET CBA / total 10000

product functions / management, configuration, engineering

product function / MIB support Yes

protocol / is supported

- SNMP v1 Yes
- SNMP v3 No
- DCP Yes
- LLDP No

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

configuration software / for PROFINET CBA / required Yes, SIMATIC iMAP

identification & maintenance function

- I&M0 - device-specific information Yes

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- I&M1 - higher level designation/location designation Yes
- I&M2 - installation date No
- I&M3 - comment No
- I&M4 - signature No
- I&M4 - OEM data No

product functions / switch

product feature / switch Yes

product function / switch-managed No

product function / with IRT / PROFINET IO switch No

product functions / redundancy

software / for redundancy function / required Yes, HARDNET-IE S7-REDCONNECT for communication with SIMATIC S7 H systems

product functions / time

product function / SICLOCK support Yes

protocol / is supported / NTP No

standards, specifications, approvals

standard

- for EMC 2004/108/EC
- for safety / from CSA and UL CAN/CSA C22.2 & UL 60950-1, UL 1950
- 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 Yes

further information / internet links

www.AutoDCSTech.com