## SIEMENS

## Data sheet

## 6AG1343-1GX31-4XE0

## product type designation



SIPLUS NET CP343-1 ADVANCED

SIPLUS NET CP 343-1 Advanced based on 6GK7343-1GX31-0XE0 with conformal coating, 0...+60 °C, for connection of the SIMATIC S7-300 CPU to Ind. Ethernet; PROFINET IO controller and/or IO Device; RT and RT and IRT IRT, MRP, PROFINET CBA; TCP/IP ISO, UDP, S7 communication, S5-compatible communication, (send/receive) with fetch/write with and without RFC 1006, multicast diagnostics extension,SNMP,DHCP, FTP client/server, email, Gigabit-SS1X RJ45 (10/100/1000); PROFINET interface 2x RJ45(10/100 Mbit) PROFINET CBA; security

Figure similar

transfer rate	
transfer rate	
• at the 1st interface	10 1000 Mbit/s
• at the 2nd interface	10 100 Mbit/s
interfaces	
number of interfaces / acc. to Industrial Ethernet	3
number of electrical connections	
<ul> <li>at the 1st interface / acc. to Industrial Ethernet</li> </ul>	1
<ul> <li>at the 2nd interface / acc. to Industrial Ethernet</li> </ul>	2
for power supply	1
type of electrical connection	
<ul> <li>at the 1st interface / acc. to Industrial Ethernet</li> </ul>	RJ45 port
• at the 2nd interface / acc. to Industrial Ethernet	RJ45 port
type of electrical connection	
for power supply	2-pole plugable terminal block
design of the removable storage	
• C-PLUG	Yes
supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	DC
supply voltage / 1 / from backplane bus	5 V
supply voltage / external	24 V
supply voltage / external / at DC / rated value	24 V
relative positive tolerance / at DC / at 24 V	20 %
relative negative tolerance / at DC / at 24 V	15 %
consumed current	
<ul> <li>from backplane bus / at DC / at 5 V / typical</li> </ul>	0.14 A
<ul> <li>from external supply voltage / at DC / at 24 V / typical</li> </ul>	0.48 A
<ul> <li>from external supply voltage / at DC / at 24 V / maximum</li> </ul>	0.62 A
power loss [W]	14.7 W
ambient conditions	
ambient temperature	
<ul> <li>for vertical installation / during operation</li> </ul>	0 40 °C
<ul> <li>for horizontally arranged busbars / during operation</li> </ul>	0 60 °C
during storage	-40 +70 °C
during transport	-40 +70 °C

installation altitude / at height above sea level / maximum	- 5000 m
ambient condition / relating to ambient temperature - air	Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin
pressure - installation altitude	(Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +2 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)
relative humidity	
<ul> <li>with condensation / acc. to IEC 60068-2-38 / maximum</li> </ul>	100 %; RH including condensation/frost (no commissioning when condensation is present), horizontal installation
chemical resistance / to commercially available cooling lubricants	Yes; incl. airborne diesel and oil droplets
resistance to biologically active substances	
• conformity acc. to EN 60721-3-3	Yes; Class 3B2 mold and fungal spores (excluding fauna), Class 3B3 on request
• conformity acc. to EN 60721-3-6	Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)
resistance to chemically active substances	
• conformity acc. to EN 60721-3-3	Yes; Class 3C4 (RH < 75 %) incl. salt spray in accordance with EN 60068-2-52 (Severity 3). The supplied plug covers must remain in place on the unused interfaces during operation.
<ul> <li>conformity acc. to EN 60721-3-6</li> </ul>	Yes
resistance to mechanically active substances	
• conformity acc. to EN 60721-3-3	Yes; Class 3S4 incl. sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation.
• conformity acc. to EN 60721-3-6	Yes; Class 6S3 incl. sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation.
coating / for equipped printed circuit board / acc. to EN 61086	Yes; Class 2 for high availability
type of coating / protection against pollution according to EN 60664-3	Yes; Protection of the type 1
type of test / of the coating / acc. to MIL-I-46058C	Yes; Coating discoloration during service life possible
product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies acc. to IPC-CC-830A	Yes; Conformal coating, class A
protection class IP	IP20
design, dimensions and weights	
module format	Compact module
width	80 mm
height	125 mm
depth	120 mm
net weight	0.8 kg
fastening method	
S7-300 rail mounting	Yes
performance data / open communication	
number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum data volume	16
<ul> <li>as user data per ISO connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	8 Kibyte
<ul> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	8 Kibyte
<ul> <li>as user data per TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	8 Kibyte
<ul> <li>as user data per UDP connection / for open IE communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	2 Kibyte
number of Multicast stations	16
performance data / S7 communication	
number of possible connections / for S7 communication	
• maximum	16
performance data / multi-protocol mode	10
number of active connections / with multi-protocol mode	48
performance data / IT functions	
performance data / IT functions number of possible connections • as client / by means of FTP / maximum	10

• as server / by means of FTP / maximum	2
as server / by means of FTP / maximum     number of possible connections	2
as server / by means of HTTP / maximum	4
as server / by means of thir / maximum     as email client / maximum	1
data volume / as user data for email / maximum	8 Kibyte
	o rubyte
storage capacity / of the user memory	29 Mibuto
<ul> <li>as flash memory file system</li> <li>as RAM</li> </ul>	28 Mibyte
number of possible write cycles / of the flash memory cells	30 Mibyte 100000
performance data / PROFINET communication / as PN IO of	
product function / PROFINET IO controller	Yes
number of PN IO devices / on PROFINET IO controller / operable / total	128
number of PN IO IRT devices / on PROFINET IO controller / operable	128
number of external PN IO lines / with PROFINET / per rack	1
data volume	
<ul> <li>as user data for input variables / as PROFINET IO controller / maximum</li> </ul>	4 Kibyte
<ul> <li>as user data for output variables / as PROFINET IO controller / maximum</li> </ul>	4 Kibyte
<ul> <li>as user data for input variables per PN IO device / as PROFINET IO controller / maximum</li> </ul>	1433 byte
<ul> <li>as user data for output variables per PN IO device / as PROFINET IO controller / maximum</li> </ul>	1433 byte
<ul> <li>as user data for input variables per PN IO device / for each sub-module as PROFINET IO controller / maximum</li> </ul>	240 byte
<ul> <li>as user data for output variables per PN IO device / for each sub-module as PROFINET IO controller / maximum</li> </ul>	240 byte
performance data / PROFINET communication / as PN IO o	levice
product function / PROFINET IO device	Yes
product function / PROFINET IO device data volume	
data volume • as user data for input variables / as PROFINET IO	Yes
<ul> <li>data volume</li> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO</li> </ul>	Yes 1024 byte
<ul> <li>data volume</li> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each sub-</li> </ul>	Yes 1024 byte 1024 byte
<ul> <li>data volume</li> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each sub-</li> </ul>	Yes 1024 byte 1024 byte 240 byte
<ul> <li>data volume</li> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> <li>number of submodules / per PROFINET IO-Device</li> </ul>	Yes 1024 byte 1024 byte 240 byte 240 byte
<ul> <li>data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> </ul> </li> </ul>	Yes 1024 byte 1024 byte 240 byte 240 byte 240 byte
<ul> <li>data volume</li> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> <li>number of submodules / per PROFINET IO-Device</li> </ul>	Yes 1024 byte 1024 byte 240 byte 240 byte 240 byte
data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> </ul> <li>number of submodules / per PROFINET IO-Device</li> <li>performance data / PROFINET CBA</li> <li>number of remote connection partners / with PROFINET</li>	Yes 1024 byte 1024 byte 240 byte 240 byte 240 byte 32
<ul> <li>data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> </ul> </li> <li>number of submodules / per PROFINET IO-Device</li> <li>performance data / PROFINET CBA</li> <li>number of remote connection partners / with PROFINET CBA</li> </ul>	Yes 1024 byte 1024 byte 240 byte 240 byte 240 byte 32 64
<ul> <li>data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> <li>number of submodules / per PROFINET IO-Device</li> </ul> </li> <li>performance data / PROFINET CBA <ul> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of connections / with PROFINET CBA / total</li> </ul> </li> </ul>	Yes 1024 byte 1024 byte 240 byte 240 byte 240 byte 32 64
data volume         • as user data for input variables / as PROFINET IO device / maximum         • as user data for output variables / as PROFINET IO device / maximum         • as user data for input variables / for each submodule as PROFINET IO device         • as user data for output variables / for each submodule as PROFINET IO device         • as user data for output variables / for each submodule as PROFINET IO device         • as user data for the consistency area for each submodule         number of submodules / per PROFINET IO-Device         performance data / PROFINET CBA         number of remote connection partners / with PROFINET CBA         number of connections / with PROFINET CBA / total         data volume         • as user data for digital inputs / with PROFINET CBA	Yes 1024 byte 1024 byte 240 byte 240 byte 240 byte 32 64 1000
<ul> <li>data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> </ul> </li> <li>number of submodules / per PROFINET IO-Device</li> <li>performance data / PROFINET CBA</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of connections / with PROFINET CBA / total</li> <li>data volume</li> <li>as user data for digital inputs / with PROFINET CBA</li> </ul>	Yes         1024 byte         1024 byte         240 byte         240 byte         240 byte         32         64         1000         8 Kibyte
<ul> <li>data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> </ul> </li> <li>number of submodules / per PROFINET IO-Device</li> <li>performance data / PROFINET CBA</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of connections / with PROFINET CBA / total</li> <li>data volume</li> <li>as user data for digital inputs / with PROFINET CBA / maximum</li> <li>as user data for digital outputs / with PROFINET CBA / maximum</li> <li>as user data for arrays and data types / in the case of acyclic transmission / with PROFINET CBA /</li> </ul>	Yes         1024 byte         1024 byte         240 byte         240 byte         240 byte         32         64         1000         8 Kibyte         8 Kibyte
<ul> <li>data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> </ul> </li> <li>number of submodules / per PROFINET IO-Device</li> <li>performance data / PROFINET CBA</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of connections / with PROFINET CBA / total</li> <li>data volume</li> <li>as user data for digital outputs / with PROFINET CBA / maximum</li> <li>as user data for arrays and data types / in the case of acyclic transmission / with PROFINET CBA / maximum</li> <li>as user data for arrays and data types / with</li> </ul>	Yes         1024 byte         1024 byte         240 byte         240 byte         240 byte         32         64         1000         8 Kibyte         8 Kibyte         8 Kibyte         8 Kibyte
<ul> <li>data volume <ul> <li>as user data for input variables / as PROFINET IO device / maximum</li> <li>as user data for output variables / as PROFINET IO device / maximum</li> <li>as user data for input variables / for each submodule as PROFINET IO device</li> <li>as user data for output variables / for each submodule as PROFINET IO device</li> <li>as user data for the consistency area for each submodule</li> </ul> </li> <li>number of submodules / per PROFINET IO-Device</li> <li>performance data / PROFINET CBA</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of connections / with PROFINET CBA / total</li> <li>data volume</li> <li>as user data for digital outputs / with PROFINET CBA / maximum</li> <li>as user data for arrays and data types / in the case of acyclic transmission / with PROFINET CBA / maximum</li> <li>as user data for arrays and data types / with PROFINET CBA / maximum</li> <li>as user data for arrays and data types / with PROFINET CBA / maximum</li> </ul>	Yes         1024 byte         1024 byte         240 byte         240 byte         240 byte         32         64         1000         8 Kibyte         8 Kibyte         250 byte         2400 byte
data volume         • as user data for input variables / as PROFINET IO device / maximum         • as user data for output variables / as PROFINET IO device / maximum         • as user data for input variables / for each submodule as PROFINET IO device         • as user data for output variables / for each submodule as PROFINET IO device         • as user data for output variables / for each submodule as PROFINET IO device         • as user data for the consistency area for each submodule         number of submodules / per PROFINET IO-Device         performance data / PROFINET CBA         number of remote connection partners / with PROFINET CBA         number of connections / with PROFINET CBA / total         data volume         • as user data for digital outputs / with PROFINET CBA / maximum         • as user data for digital outputs / with PROFINET CBA / maximum         • as user data for arrays and data types / in the case of acyclic transmission / with PROFINET CBA / maximum         • as user data for arrays and data types / with PROFINET CBA / maximum         • as user data for arrays and data types / with PROFINET CBA / maximum         • as user data for arrays and data types / with PROFINET CBA / maximum         • as user data for arrays and data types / with PROFINET CBA / in the case of local interconnection / maximum	Yes         1024 byte         1024 byte         240 byte         240 byte         240 byte         32         64         1000         8 Kibyte         8 Kibyte         250 byte         2400 byte

number of remote connections to input variables / in the case of acyclic transmission / with PROFINET CBA / maximum	128
number of remote connections to output variables / in the case of acyclic transmission / with PROFINET CBA / maximum	128
data volume	
<ul> <li>as user data for remote interconnections with input variables / in the case of acyclic transmission / with PROFINET CBA</li> </ul>	8 Kibyte
<ul> <li>as user data for remote interconnections with output variables / in the case of acyclic transmission / with PROFINET CBA</li> </ul>	8 Kibyte
performance data / PROFINET CBA / remote interconnection	on / with cyclic transfer
update time / of the remote interconnections / with cyclical transfer / with PROFINET CBA	8 ms
number of remote connections to input variables / with PROFINET CBA / with cyclic transfer / maximum	200
number of remote connections to output variables / with cyclical transfer / with PROFINET CBA / maximum	200
data volume	
<ul> <li>as user data for remote interconnections with input variables / with cyclical transfer / with PROFINET CBA / maximum</li> </ul>	2000 byte
<ul> <li>as user data for remote interconnections with output variables / with cyclical transfer / with PROFINET CBA / maximum</li> </ul>	2000 byte
performance data / PROFINET CBA / HMI variables via PR	OFINET / acyclic
number of connectable HMI stations / for HMI variables / in the case of acyclic transmission / with PROFINET CBA	3
update time / of the HMI variables / in the case of acyclic transmission / with PROFINET CBA	500 ms
number of HMI variables / in the case of acyclic transmission / with PROFINET CBA / maximum	200
data volume / as user data for HMI variables / in the case of acyclic transmission / with PROFINET CBA / maximum	8 Kibyte
performance data / PROFINET CBA / device-internal interc	onnections
number of internal connections / with PROFINET CBA / maximum	256
data volume / of the internal connections / with PROFINET CBA / maximum	2400 byte
performance data / PROFINET CBA / interconnections to c	constants
number of connections with constants / with PROFINET CBA / maximum	200
data volume / as user data for interconnections with constants / with PROFINET CBA / maximum	4096 byte
performance data / PROFINET CBA / PROFIBUS proxy fun	ctionality
product function / with PROFINET CBA / PROFIBUS proxy functionality	No
performance data / telecontrol	
protocol / is supported • TCP/IP	Yes
product functions / management, configuration, engineeri	ng
product function / MIB support	Yes
protocol / is supported	
• SNMP v1	Yes
• SNMP v3	Yes
• DCP	Yes
• LLDP	Yes
configuration software	
• required	STEP7 V5.5 SP2 HF1 or higher / STEP 7 Professional V12 (TIA Portal)
for PROFINET CBA / required	or higher SIMATIC iMap V3.0 SP4 and higher
identification & maintenance function	
I&M0 - device-specific information	Yes

<ul> <li>I&amp;M1 – higher level designation/location designation</li> </ul>	Yes
product functions / diagnostics	
product function / web-based diagnostics	Yes
product functions / switch	
product feature / switch	Yes
product function	
switch-managed	No
with IRT / PROFINET IO switch	Yes
configuration with STEP 7	Yes
product functions / redundancy	
product function	
ring redundancy	Yes
redundancy manager	Yes
protocol / is supported / Media Redundancy Protocol	Yes
(MRP)	
product functions / security	
firewall version	stateful inspection
product function / with VPN connection	IPSec
type of encryption algorithms / with VPN connection	AES-256, AES-192, AES-128, 3DES-168, DES-56
type of authentication procedure / with VPN connection	Preshared key (PSK), X.509v3 certificates
type of hashing algorithms / with VPN connection	MD5, SHA-1
number of possible connections / with VPN connection	32
product function	
<ul> <li>password protection for Web applications</li> </ul>	Yes
ACL - IP-based	Yes
<ul> <li>ACL - IP-based for PLC/routing</li> </ul>	Yes
<ul> <li>switch-off of non-required services</li> </ul>	Yes
<ul> <li>blocking of communication via physical ports</li> </ul>	Yes
<ul> <li>log file for unauthorized access</li> </ul>	No
product functions / time	
product function / SICLOCK support	Yes
product function / SICLOCK support product function / pass on time synchronization	Yes Yes
product function / SICLOCK support product function / pass on time synchronization protocol / is supported	Yes
product function / SICLOCK support product function / pass on time synchronization protocol / is supported • NTP	
product function / SICLOCK support product function / pass on time synchronization protocol / is supported • NTP further information / internet-Links	Yes
product function / SICLOCK support product function / pass on time synchronization protocol / is supported • NTP further information / internet-Links Internet-Link	Yes
product function / SICLOCK support product function / pass on time synchronization protocol / is supported • NTP further information / internet-Links Internet-Link • to web page: selection aid TIA Selection Tool	Yes Yes http://www.siemens.com/snst
product function / SICLOCK support product function / pass on time synchronization protocol / is supported • NTP further information / internet-Links Internet-Link • to web page: selection aid TIA Selection Tool • to website: Industrial communication	Yes Yes <u>http://www.siemens.com/snst</u> <u>http://www.siemens.com/simatic-net</u>
product function / SICLOCK support product function / pass on time synchronization protocol / is supported • NTP further information / internet-Links Internet-Link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall	Yes Yes http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com
product function / SICLOCK support         product function / pass on time synchronization         protocol / is supported         • NTP         further information / internet-Links         Internet-Link         • to web page: selection aid TIA Selection Tool         • to website: Industrial communication         • to website: Industry Mall         • to website: Information and Download Center	Yes Yes http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter
product function / SICLOCK support         product function / pass on time synchronization         protocol / is supported         • NTP         further information / internet-Links         Internet-Link         • to web page: selection aid TIA Selection Tool         • to website: Industrial communication         • to website: Industry Mall         • to website: Information and Download Center         • to website: Image database	Yes Yes http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb
product function / SICLOCK support         product function / pass on time synchronization         protocol / is supported         • NTP         further information / internet-Links         Internet-Link         • to web page: selection aid TIA Selection Tool         • to website: Industrial communication         • to website: Industry Mall         • to website: Information and Download Center         • to website: Image database         • to website: CAx-Download-Manager	Yes Yes http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax
product function / SICLOCK support         product function / pass on time synchronization         protocol / is supported         • NTP         further information / internet-Links         Internet-Link         • to web page: selection aid TIA Selection Tool         • 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	Yes Yes http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb
product function / SICLOCK support product function / pass on time synchronization protocol / is supported • NTP further information / internet-Links Internet-Link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support security information	Yes Yes Yes http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
product function / SICLOCK support         product function / pass on time synchronization         protocol / is supported         • NTP         further information / internet-Links         Internet-Link         • to web page: selection aid TIA Selection Tool         • 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	Yes Yes http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax