## **SIEMENS**

## **Data sheet**

## 6GK5326-2QS00-3RR3

SCALANCE XR326-2C PoE WG; managed IE Switch; 19" rack; 24 x 1GE electrical PoE ports 2 x 10GE electrical combo PoE ports; electrical o. optical; LED diagnostics; reset button; console port; PROFINET device; network management function; Redundancy Manager; No UL/FM approval; Power supply 240 V AC (85 – 264 V).



product type designation	SCALANCE XR326-2C PoE WG		
transfer rate			
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 2.5 Gbit/s, 5 Gbit/s, 10 Gbit/s		
interfaces / for communication / maximum configuration for mod	dular devices		
number of electrical ports / maximum	26		
number of electrical ports / with PoE / maximum	26		
number of optical ports / maximum	2		
interfaces / for communication / integrated			
number of electrical connections			
<ul> <li>for network components or terminal equipment</li> </ul>	26; RJ45		
<ul> <li>for Power-over-Ethernet / for network components or terminal equipment</li> </ul>	26		
number of 10/100/1000 Mbit/s RJ45 ports / integrated			
• with PoE	24; PoE Ports according to IEEE802.3at (30 W)		
number of 10/100/1000/10000 Mbit/s RJ45 ports / integrated / with PoE	2; PoE Ports according to IEEE802.3bt (60 W) executed as combo port		
number of combo ports / with RJ45 interface for optical plug-in transceiver	2; 1000 Mbit/s, 2500 Mbit/s, 5000 Mbit/s, 10000 Mbit/s RJ45 port incl. PoE function and 1000 Mbit/s, 10000 Mbit/s SFP port		
interfaces / other			
number of electrical connections			
<ul> <li>for operator console</li> </ul>	1		
for power supply	2		
type of electrical connection			
<ul> <li>for operator console</li> </ul>	RJ11		
• for power supply	IEC plug C14 and terminal block for additional PoE power supply (max. 2 additional PSR9230PoE possible, PoE power expandable to 570W)		
supply voltage, current consumption, power loss	supply voltage, current consumption, power loss		
product component / power supply for PoE	Yes		
product feature			
modular power supply	Yes		
supplied active power / of PSE / with PoE			
• total / maximum	210 W		
type of voltage / 1 / of the supply voltage			
<ul><li>supply voltage / 1 / rated value</li></ul>	240 V		
<ul> <li>supply voltage / 1 / rated value</li> </ul>	85 264 V		
<ul> <li>consumed current / 1 / maximum</li> </ul>	4 A		
<ul> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes		
ambient conditions			
ambient temperature			
<ul> <li>during operation</li> </ul>	0 00 °C		
during storage	-40 +85 °C		

during transport	-40 +85 °C
during transport  relative humidity	-40 TOO C
relative humidity  • at 25 °C / without condensation / during operation /	95 %
maximum	95 %
protection class IP	IP30
design, dimensions and weights	
design	19" rack
number of modular height units / relating to 19-inch cabinet	1
width	482.6 mm
height	43.6 mm
depth	227.3 mm
net weight	4.7 kg
material / of the enclosure	metal
fastening method	
19-inch installation	Yes
35 mm top hat DIN rail mounting	No
wall mounting	No
S7-300 rail mounting	No
• S7-1500 rail mounting	No
product features, product functions, product components / gene	-
cascading in the case of a redundant ring / at reconfiguration	50
time of <\~0.3\~s	
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
product function	
• CLI	Yes
<ul> <li>web-based management</li> </ul>	Yes
MIB support	Yes
• TRAPs via email	Yes
<ul><li>configuration with STEP 7</li></ul>	Yes
• RMON	Yes
• port mirroring	Yes
<ul> <li>multiport mirroring</li> </ul>	No
• CoS	Yes
<ul> <li>PROFINET IO diagnosis</li> </ul>	Yes
PROFINET conformity class	В
network load class / according to PROFINET	3
product function / switch-managed	Yes
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	Yes
• GMRP	No
• DCP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
• IGMP (snooping/querier)	Yes
identification & maintenance function	
• I&M0 - device-specific information	Yes
1&M1 - higher level designation/location designation	Yes
product functions / diagnostics	
product function	
<ul> <li>port diagnostics</li> </ul>	Yes
• statistics Packet Size	Yes
<ul> <li>statistics packet type</li> </ul>	Yes
error statistics	Yes

product functions / VLAN   product functions   VLAN - protocol-based   VLAN -	<ul> <li>SysLog</li> </ul>	Yes
product function  VLAN - protocol-based  VLAN - protocol-based  No  No  protocol-face protocol (FAPP) MRP: standby  protocol-function  Protocol-functio		
VLAN - protocol-based		
• VLAN - Pichased   No   • VLAN dynamic   Yes   • Ves	·	Yes
• VLAN - IP-based • VLAN - Ignamine • Ves number of VLANs - Agnamic - Imaximum  number of VLANs - Agnamic - Imaximum  number of VLANs - Agnamic - Imaximum  produced fine the produced for the produced for the produced fine to the produced for the produced functions of DREP  produced functions of DREP  produced function • DREP officen 6 • DREP Option 82 • DREP Option 82 • DREP Option 66 • DREP Option 67 • DREP Option 67 • DREP Option 79 • DREP Option 87 • DREP Option 88 • DREP Option 89 • DREP O		
**U.A.N dynamic	·	
number of VLANs / ansimum number of VLANs / at tring redundancy PRP, MRP, standby protocol / is supported / GVRP indig Speed Redundancy Protocol (HRP) with redundancy manager is lipid speed redundancy protocol (HRP) with redundancy manager supported / Media Redundancy Protocol (MRP) yes protocol / is supported / Media Redundancy Protocol (MRP) yes protocol / is supported / Media Redundancy Protocol (MRP) yes redundancy procedure STP indig Redundancy Protocol (MRP) yes redundancy procedure STP indig Redundancy Protocol (MRP) yes redundancy procedure MSTP indig Redundancy Protocol (PRP) yes redundancy Redund		
number of VLANs - dynamic/ maximum produce i susported / GVRP produce functions / DHCP Option 82	<u> </u>	
number of VLANs / at ring redundancy (HRP, MRP; standby [nk).  protocol / is supported / OVRP  product functions / DHCP  product function  • DHCP client  • The great descript of the second of the secon		
Inkly product functions / DHCP Option 82	<u> </u>	
product functions / DHCP product function  DHCP Option 82  DHCP Option 82  DHCP Option 66  DHCP Option 67  Product functions / redundancy  product functions / redundancy protocol (HRP)  inigh speed Redundancy protocol (HRP) with redundancy redundancy redundancy protocol / HRP) with redundancy redundancy protocol / Is supported / Media Redundancy Protocol (MRP)  product function  media redundancy protocol (MRP) with redundancy redundancy redundancy redundancy redundancy protocol / Is supported / Media Redundancy Protocol (MRP)  product function  media redundancy protocol (MRP) with redundancy reductions reductions redundancy reductions redundancy reductions redundancy reductions redundancy reductions redundancy reductions redundancy		207
product function  • DHCP client  • DHCP Option 82  • DHCP Option 63  • DHCP Option 65  • DHCP Option 67  **Pes  **product functions / redundancy  product functions / redundancy  **product functions / redundancy  **product functions / redundancy  **product functions / redundancy  **product functions / redundancy protocol (HRP)  **pling Speed redundancy protocol (HRP) with redundancy  **manager  **pling speed redundancy protocol (HRP) with standiby  redundancy  **product function  **media redundancy protocol (HRP) with standiby  redundancy  **product function  **media redundancy protocol (MRP) with redundancy  **product function  **media redundancy protocol (MRP) with redundancy  **product function  **product function  **product function  **product function  **product function  **product function  **peralle Redundancy procedure STP  **redundancy procedure STP  **redundancy procedure MSTP  **peralle Redundancy Protocol (PRP)/operation in the  **PRPR-network  **peralle Redundancy Protocol (PRP)/Redundant Network  **peralle Redundancy Protocol (	protocol / is supported / GVRP	No
DHCP Option 82 DHCP Option 82 DHCP Option 68 DHCP Option 67 Pes Pes DHCP Option 67 Pes	product functions / DHCP	
DHCP Option 82 DHCP Option 66 PURCP Option 67 Postucet functions / redundancy  product function ing redundancy Product function ing redundancy Protocol / Is supported / Media Redundancy Protocol (HRP) High Speed redundancy protocol (HRP) with standby redundancy manager High Speed redundancy protocol (HRP) with standby redundancy manager High Speed redundancy protocol (HRP) with standby redundancy manager Is high speed redundancy protocol (HRP) with standby redundancy manager Is high speed redundancy protocol (MRP)  Protocol / Is supported / Media Redundancy Protocol (MRP)  Protocol / Is supported / Media Redundancy Protocol (MRP)  Protocol / Is supported / H-Sync forwarding  Protocol / Is supported	product function	
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BHCP Option 67  product functions / rodundancy  product function  ing redundancy  High Speed Redundancy Protocol (HRP)  High Speed redundancy protocol (HRP) with redundancy  nanager  High speed redundancy protocol (HRP) with standby  redundancy  protocol / is supported / Media Redundancy Protocol (MRP)  product function  media redundancy protocol (MRP) with redundancy  nanager  of the PROFINET IO device / is supported / H-Sync  forwarding  redundancy procedure STP  redundancy procedure RSTP  Perdundancy procedure RSTP  Parallel Redundancy Protocol (PRP)/Operation in the  PRP-retvorix  PRP-retvorix  Parallel Redundancy Protocol (PRP)/Redundant Network  Access (RNA)  passive listening  protocol / is supported  STP  RSTP  RST	DHCP Option 82	Yes
product functions / redundancy product function  • ring redundancy • High Speed Redundancy Protocol (HRP) • High Speed redundancy protocol (HRP) with redundancy • high speed redundancy protocol (HRP) with redundancy protocol / is supported / Media Redundancy Protocol (MRP)  product function • media redundancy protocol (MRP) with redundancy • media redundancy protocol (MRP) with redundancy • media redundancy protocol (MRP) with redundancy • needla redundancy protocol (MRP) with redundancy • redundancy procedure STP • redundancy procedure STP • redundancy procedure STP • redundancy procedure MSTP • Parallel Redundancy Protocol (PRP)/Operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network • Access (RNA) • passive listening protocol / is supported • STP/RSTTP • STP • RSTP	DHCP Option 66	Yes
product function  ing redundancy ing redundancy ing beged Redundancy Protocol (HRP) ing speed Redundancy protocol (HRP) with redundancy manager ing supported / Media Redundancy Protocol (MRP) protocol / is supported / Media Redundancy Protocol (MRP) protocol / is supported / Media Redundancy Protocol (MRP) product function  media redundancy protocol (MRP) with redundancy manager of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure MSTP redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening protocol / is supported STP Yes RSTP RSTP RSTP RSTP RSTP RSTP RSTP RSTP	DHCP Option 67	Yes
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High Speed Redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function  media redundancy protocol (MRP) with redundancy manager of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP eredundancy procedure STP redundancy procedure MSTP redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/peration in the PRP-network Parallel Redundancy Protocol (PRP)/peration in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Accass (RNA) passive listening protocol / is supported STP/RSTP STP RSTP No RSTP RSTP No RSTP RSTP RSTP RSTP RSTP RSTP RSTP RSTP	product function	
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manager    high speed redundancy protocol (HRP) with standby redundancy   Yes	<ul> <li>High Speed Redundancy Protocol (HRP)</li> </ul>	Yes
redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function  • media redundancy protocol (MRP) with redundancy manager • of the PROFINET IO device / is supported / H-Sync forwarding • redundancy procedure STP • redundancy procedure RSTP • redundancy procedure RSTP • Parallel Redundancy Protocol (PRP)/Operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) • passive listening protocol / is supported • STP/RSTP • STP • STP • SSTP • SSTP • SSTP • SSTP • NSTP • RSTP • RSTP • RSTP • RSTP • RSTP • LACP product functions / security product functions / security product functions / security protocol / is supported • SCL - Nac/Losaed • SCH - port/MAC-based • SCH - port/MAC-based • SCH - yes • SSH - yes • broadcast blocking protocol / is supported • SSH - yes product functions / traditions / yes • broadcast blocking protocol / is supported • SICL OCK support • SITP Client protocol / is supported		Yes
product function  • media redundancy protocol (MRP) with redundancy manager  • of the PROFINET IO device / is supported / H-Sync forwarding  • redundancy procedure STP  • redundancy procedure RSTP  • redundancy procedure MSTP  • redundancy procedure MSTP  • Parallel Redundancy Protocol (PRP)/operation in the PRP-network  • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  • passive listening  protocol / is supported  • STP  • STP  • RSTP  •		Yes
• media redundancy protocol (MRP) with redundancy manager     • of the PROFINET IO device / is supported / H-Sync forwarding     • redundancy procedure STP     • redundancy procedure RSTP     • redundancy procedure MSTP     • redundancy procedure MSTP     • redundancy procedure MSTP     • Parallel Redundancy Protocol (PRP)/operation in the PRP-network     • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)     • passive listening     protocol / is supported     • STP/RSTP     • STP     • RSTP	protocol / is supported / Media Redundancy Protocol (MRP)	Yes
manager  of the PROFINET IO device / is supported / H-Sync forwarding  e redundancy procedure STP  redundancy procedure RSTP  redundancy procedure MSTP  redundancy procedure MSTP  redundancy procedure MSTP  redundancy procedure MSTP  redundancy protocol (PRP)/operation in the PRP-network  representation of passive listening  protocol / is supported  STP/RSTP  STP  RSTP  RSTP  RSTP  STP  RSTP		
forwarding     redundancy procedure STP     redundancy procedure RSTP     redundancy procedure MSTP     redundancy procedure MSTP     redundancy Protocol (PRP)/operation in the PRP-network     Parallel Redundancy Protocol (PRP)/Redundant Network     Access (RNA)     passive listerning     rotocol / is supported     STP/RSTP     Yes     SSTP     Yes     RSTP     No     RSTP     No     RSTP		Yes
redundancy procedure RSTP     redundancy procedure MSTP     redundancy procedure MSTP     redundancy protocol (PRP)/operation in the PRP-network     Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)     passive listening     redundancy Protocol (PRP)/Redundant Network Access (RNA)     passive listening     redundancy Protocol (PRP)/Redundant Network No Access (RNA)     passive listening     redundancy Protocol (PRP)/Redundant Network No Access (RNA)     passive listening     redundancy Protocol (PRP)/Redundant Network No Access (RNA)     passive listening     redundancy Protocol (PRP)/Redundant Network No Access (RNA)     passive listening     redundancy Protocol (PRP)/Redundant Network No Access (RNA)     redundancy Protocol (PRP)/Redundant Network No Access No Ac	forwarding	No
redundancy procedure MSTP     Parallel Redundancy Protocol (PRP)/operation in the PRP-network     Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)     passive listening     rotocol / is supported	<ul> <li>redundancy procedure STP</li> </ul>	
Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening Protocol / is supported STP/RSTP STP STP STP STP Yes RSTP No RSTP		
PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening Yes  protocol / is supported STP/RSTP Yes STP Yes RSTP Yes RSTP No RSTP No RSTP yes LACP No  product functions / security  product function ACL - MAC-based ACL - port/MAC-based FIEEE 802.1x (radius) Forbadcast // inditicast // imiter Forbadcast shocking  protocol / is supported SSH Yes  product functions / time  product functions SSH Yes  product functions SICLOCK support Yes  protocol / is supported  SNTP client Yes  protocol / is supported		No
Access (RNA)  • passive listening  protocol / is supported  • STP/RSTP  • STP  • RSTP  • RSTP  • MSTP  • MSTP  • MSTP  • LACP  product functions / security  product functions  • ACL - MAC-based  • ACL - port/MAC-based  • ACL - port/MAC-based  • ACL - yort/Mac-based  • ACL - yort/Mac-based  • SBH  • broadcast blocking  protocol / is supported  • SSH  • SSH  • SSH  • SSH  • SSH  • SNTP client  Protocol / is supported  • SNTP client	PRP-network	
protocol / is supported  • STP/RSTP  • STP  • STP  • RSTP  • MSTP  • MSTP  • MSTP  • No  • RSTP big network support  • LACP  product functions / security  product function  • ACL - MAC-based  • ACL - port/MAC-based  • ACL - port/MAC-based  • IEEE 802.1x (radius)  • broadcast/multicast/unicast limiter  • broadcast blocking  protocol / is supported  • SSH  product function  • SICLOCK support  • SICLOCK support  • SNTP client  protocol / is supported	Access (RNA)	
• STP/RSTP • STP • STP • STP • RSTP • RSTP • MSTP • MSTP • No • RSTP big network support • LACP • No  product functions / security  product function • ACL - MAC-based • ACL - port/MAC-based • ACL - port/MAC-based • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast/multicast/unicast limiter • SSH • SSH  product function • SICLOCK support • SICLOCK support • SNTP client  protocol / is supported • SNTP client  protocol / is supported		Yes
• STP • RSTP • RSTP • MSTP • MSTP • No • RSTP big network support • LACP  product functions / security  product function • ACL - MAC-based • ACL - port/MAC-based • ACL - port/MAC-based • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast blocking  protocol / is supported • SSH  product function • SICLOCK support • SICLOCK support • SNTP client  Protocol / is supported • SNTP client  Yes  protocol / is supported		
RSTP  MSTP  MSTP  RSTP big network support  Product functions / security  product function  ACL - MAC-based  ACL - port/MAC-based  EEE 802.1x (radius)  broadcast/multicast/unicast limiter  broadcast blocking  Protocol / is supported  SSH  Product function  SICLOCK support  Protocol / is supported  SNTP client  Protocol / is supported  SNTP client  Protocol / is supported  SNTP client  Protocol / is supported  Yes  Protocol / is supported		
MSTP RSTP big network support LACP No  product functions / security  product function ACL - MAC-based ACL - port/MAC-based IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking  protocol / is supported SSH  Product function SICLOCK support SICLOCK supported  Protocol / is supported SICLOCK supported  Protocol / is supported SICLOCK supported  Protocol / is supported  Protocol / is supported  SSTP client  Protocol / is supported		
RSTP big network support LACP No  product functions / security  product function  ACL - MAC-based Yes ACL - port/MAC-based Yes IEEE 802.1x (radius) Proadcast/multicast/unicast limiter Sibroadcast blocking Yes broadcast blocking Yes  broadcast blocking Yes  protocol / is supported SSH Yes  product functions / time  product function SICLOCK support SNTP client Yes  protocol / is supported  SNTP client Yes  Protocol / is supported		
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product functions / security  product function  • ACL - MAC-based Yes • ACL - port/MAC-based Yes • IEEE 802.1x (radius) Yes • broadcast/multicast/unicast limiter Yes • broadcast blocking Yes  protocol / is supported • SSH Yes  product functions / time  product function • SICLOCK support Yes • SNTP client Yes  protocol / is supported		
product function  • ACL - MAC-based Yes  • ACL - port/MAC-based Yes  • IEEE 802.1x (radius) Yes  • broadcast/multicast/unicast limiter Yes  • broadcast blocking Yes  protocol / is supported  • SSH Yes  product functions / time  product function  • SICLOCK support Yes  • SNTP client Yes  protocol / is supported		No
ACL - MAC-based     ACL - port/MAC-based     Yes     IEEE 802.1x (radius)     broadcast/multicast/unicast limiter     broadcast blocking     Yes     broadcast blocking     Yes  protocol / is supported     SSH     Yes  product functions / time  product function     SICLOCK support     SNTP client     Yes  protocol / is supported  Yes  Protocol / is supported		
ACL - port/MAC-based     IEEE 802.1x (radius)     broadcast/multicast limiter     broadcast blocking     Yes     broadcast blocking     Yes  protocol / is supported     SSH     Yes  product functions / time  product function     SICLOCK support     SNTP client     Yes  protocol / is supported  Yes  Protocol / is supported	·	V.
IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking  protocol / is supported SSH  Yes  product functions / time  product function SICLOCK support SNTP client  protocol / is supported  Yes  yes		
broadcast /multicast limiter     broadcast blocking  protocol / is supported     SSH  Product functions / time  product function  SICLOCK support  SNTP client  Protocol / is supported  Protocol / is supported  Yes  Yes	·	
broadcast blocking  protocol / is supported     SSH     Yes  product functions / time  product function     SICLOCK support     SNTP client  protocol / is supported  Yes		
protocol / is supported  SSH  Yes  product functions / time  product function  SICLOCK support  SNTP client  Protocol / is supported  Yes		
SSH  Product functions / time  product function  SICLOCK support SNTP client  Protocol / is supported  Yes  Yes	-	Yes
product functions / time  product function  • SICLOCK support  • SNTP client  protocol / is supported  Yes		
product function  • SICLOCK support  • SNTP client  protocol / is supported  Yes		Yes
SICLOCK support     SNTP client     protocol / is supported  Yes  Yes		
◆ SNTP client Yes  protocol / is supported	·	
protocol / is supported		
		Yes
• NTP Yes		
	• NTP	Yes

• SNTP	Yes
IEEE 1588 profile default	No
system modification during operation	
product function / configuration in RUN via CiR/H-CiR	No
standards, specifications, approvals	
standard	
• for emitted interference	EN 61000-6-4
• for interference immunity	EN 61000-6-2
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
MTBF	25 a
reference code	
<ul><li>according to IEC 81346-2</li></ul>	KF
<ul> <li>according to IEC 81346-2:2019</li> </ul>	KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
certificate of suitability	
• C-Tick	Yes
KC approval	Yes
<ul> <li>railway application in accordance with EN 50155</li> </ul>	No
<ul> <li>EAC approval</li> </ul>	Yes
accessories	
accessories	PSR9230PoE
further information / internet links	
internet link	
<ul> <li>to web page: selection aid TIA Selection Tool</li> </ul>	http://www.siemens.com/tia-selection-tool
<ul> <li>to website: Industrial communication</li> </ul>	http://www.siemens.com/simatic-net
to website: Industry Mall	https://mall.industry.siemens.com
<ul> <li>to website: Information and Download Center</li> </ul>	http://www.siemens.com/industry/infocenter
to website: Image database	http://automation.siemens.com/bilddb
<ul><li>to website: CAx-Download-Manager</li></ul>	http://www.siemens.com/cax
to website: Industry Online Support	https://support.industry.siemens.com
security information	
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