SIEMENS

Data sheet

6GK5324-0BA00-3AR3

SCALANCE XR324WG; managed IE switch; 19" rack; 24 x 10/100 Mbit/s electrical ports; LED diagnostics; reset button; console port; PROFINET device; IEC 62443-4-2 certified network management function; redundancy manager; power supply 240 V AC (85 – 264 V).



product type designation	SCALANCE XR324 WG	
transfer rate		
transfer rate	10 Mbit/s, 100 Mbit/s	
interfaces / for communication / integrated		
number of electrical connections		
 for network components or terminal equipment 	24; RJ45	
number of 10/100 Mbit/s RJ45 ports / integrated	24	
interfaces / other		
number of electrical connections		
 for operator console 	1	
for power supply	1	
type of electrical connection		
for power supply	IEC plug C14	
supply voltage, current consumption, power loss		
type of voltage supply / redundant power supply unit	No	
type of voltage / 1 / of the supply voltage		
supply voltage / 1 / rated value	240 V	
power loss [W] / 1 / rated value	9 W	
supply voltage / 1 / rated value	85 264 V	
consumed current / 1 / maximum	0.09 A	
 type of electrical connection / 1 / for power supply 	IEC plug C14	
 product component / 1 / fusing at power supply input 	Yes	
ambient conditions		
ambient temperature		
 during operation 	0 60 °C	
 during storage 	-40 +85 °C	
during transport	-40 +85 °C	
relative humidity		
 at 25 °C / without condensation / during operation / 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	483 mm	
height	44 mm	
depth	177 mm	
net weight	3.3 kg	

fastering method		_
	fastening method	
Na	• 19-inch installation	Yes
	 35 mm top hat DIN rail mounting 	No
• \$7.1500 rail mounting	wall mounting	No
product firstures, product functions, product components / general cascading in the case of a redundant ring / at coordiguration into of ev-0.9-3 cascading in cases of star topology product functions - CLI - Ves - CLI - CLI - Ves - CLI - C	 S7-300 rail mounting 	No
cascading in the case of a redundant ring / at reconfiguration in red <4-0,3-> cascading in cases of start topology product functions / management, configuration, engineority yes	 S7-1500 rail mounting 	No
reconfiguration time of 4-0-3-s- cascading in case of star topology product functions / management, configuration, engineering product functions / management	product features, product functions, product components	/ general
product functions / management configuration, engineering product function CLI		50
Product function CL Yes	cascading in cases of star topology	any (depending only on signal propagation time)
CLI	product functions / management, configuration, engineeri	ng
• web-based management • Milb support • Milb support • Cray Nay a meal • configuration with STEP 7 • Yes • CRANON • port mirroring • Mo • port mirroring • Mo • CoS • PROFINET IO diagnosis • PROFINET good through the state of	product function	
• MIB support Yes • TRAPs via email Yes • Configuration with STEP 7 Yes • RNON Yes • port mirroring No • CoS Yes • PROFINET IO diagnosis Yes • PROFINET conformity class B • Rework load class / according to PROFINET 2 product function / switch-managed Yes • Telnet Yes • Telnet Yes • TITP Yes • HITTP Yes • HITTP Yes • FIFP Yes • BOOTP Yes • BOOTP Yes • BOMP No • DCP Yes • LLDP Yes • SMMP v1 Yes • SMMP v2 Yes • SIMM v3 Yes • ISMI on device-specific information Yes • ISMI on device-specific information Yes • ISMIS on porting year information Yes • ISMIS on porting year information	• CLI	Yes
	 web-based management 	Yes
Configuration with STEP 7 RMON Pes RMON Promitrioring Yes multiport mirroring No CoS PROFINET IO diagnosis PROFINET conformity class REMON PROFINET conformity class REMON Class / according to PROFINET Product function / switch-managed Yes Product function / Yes HTTP Yes HTTP Yes HTTP Yes HTTP Yes FIFP Yes FIFP Yes BOOTP Yes BOOTP Yes BOOTP Yes SMMP W SMMP W SMMP V2 SMMP V3 SMMP V3 SMMP V3 SMMP V3 SMMP V4 SMMP V3 SMMP V4 SMMP V4 SMMP V4 SMMP V5 SMMP V5 SMMP V6 SMMP V6 SMMP V7 SMMP V8 SMMP V8 SMMP V8 SMMP V9 SMMP	 MIB support 	Yes
• RMON • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class B network load class / according to PROFINET product function / switch-managed • Telnet • Telnet • Telnet • Telnet • HTTP • HTTPS • HTTP • HTTPS • FTP • BOOTP • GMRP • DOP • LLDP • SMMP V1 • SNMP V3 • SNMP V3 • IGMP (snooping/querier) • Identification & maintenance function • I&M - device-specific information • IAM - device-specific information • IAM - device-specific information • port diagnostics product functions • port diagnostics • product functions • yes • statistics Packet Size • statistics Packet Size • statistics Packet Size • sysLog product function • VLAN - probased • VLAN - protosol-based • VLAN - Probased • VLAN - Probased • VLAN - Probased • VLAN - Protosol-based • VLAN - Probased • VLAN - Protosol-based • VLAN -	TRAPs via email	Yes
• port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis • PROFINET conformity class • network load class / according to PROFINET 2 product function / switch-managed Protocol / is supported • Telnet • TEINE • TEINE • TEINE • TEINE • TEITE	configuration with STEP 7	Yes
• multiport mirroring No • COS Yes • PROFINET IO diagnosis Yes • PROFINET conformity class B network load class / according to PROFINET 2 product function / switch-managed Yes protocol / Is supported Yes • Telnet Yes • HTTP Yes • HTTP Yes • TFTP Yes • FTIP Yes • BOOTP Yes • GMRP No • DCP Yes • LLDP Yes • SMMP Y1 Yes • SMMP Y2 Yes • SMMP Y3 Yes • IBM0 - device-specific information Yes • IBM0 - device-specific information Yes • IBM0 - device-specific information Yes • IBM1 - higher level designation/location designation Yes • IBM5 - higher level designation flocation designation Yes • Statistics Packet type Yes • statistics packet type Yes <t< td=""><td>• RMON</td><td>Yes</td></t<>	• RMON	Yes
• COS Yes • PROFINET IO diagnosis Yes • PROFINET conformity class B • network load class / according to PROFINET 2 • product function / switch-managed Yes • Telnet Yes • HTTP Yes • HTTP Yes • HTTP Yes • TFTP Yes • BOOTP Yes • BOOTP Yes • BOOTP Yes • BOMP No • DCP Yes • LLDP Yes • SMMP v1 Yes • SMMP v2 Yes • SMMP v3 Yes • Identification & maintenance function Yes • I&MO - device-specific information Yes • IAMO - device-specific information Yes • IAMO - device-specific information Yes • IAMO - device-specific informat	 port mirroring 	Yes
● PROFINET col diagnosis Yes PROFINET contormity class B network load class / according to PROFINET 2 product function / switch-managed Yes product function / switch-managed Yes or Telent Yes + HTTP Yes + HTTPS Yes + FTP Yes • BOOTP Yes • GMRP No • DCP Yes • LLDP Yes • SNMP v1 Yes • SNMP v2 Yes • SMMP v3 Yes • IGMP (snooping/querier) Yes • Identification & maintenance function Yes • I&M - device specific information Yes • I&M - ligher level designation/location designation Yes • Iakin - higher level designation/location designation Yes • statistics Packet Size Yes • statistics Packet Size Yes • statistics Packet type Yes • statistics Packet type Yes • SysLog Yes	 multiport mirroring 	No
PROFINET conformity class B network load class / according to PROFINET 2 product function / switch-managed Yes protocol / is supported Teinet Yes HITTP Yes BOOTP Yes BOOTP Yes GMRP No DCP Yes LLDP Yes SNMP v1 Yes SNMP v2 Yes SNMP v3 Yes IGMP (snooping/querier) Yes IGMP (snooping/querier) Yes IGMP (snooping/querier) Yes IGMP (snooping/querier) Yes Ham - higher level designation/location designation Product functions / diagnostics Yes statistics Packet Size Yes statistics Packet Size Yes statistics packet type Yes SNSIQ Yes VLAN - protocol-based No VLAN - protocol-based No VLAN - protocol-based No VLAN - protocol-based No VLAN - dynamic / maximum 257 number of VLANs / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; statoby link) / Art r		Yes
network load class / according to PROFINET 2	 PROFINET IO diagnosis 	Yes
network load class / according to PROFINET 2		В
Telnet	network load class / according to PROFINET	2
• Telnet • HTTP • HTTPS • Yes • HTTPS • Yes • TFTP • Yes • BOOTP • FTP • SMRP • BOOTP • GMRP • DCP • GMRP • No • DCP • LLDP • Yes • SNMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) • IGMP (snooping/querier) • Identification & maintenance function • 18 M0 - device-specific information • 18 M0 - device-specific information • 18 M1 - higher level designation/location designation Product functions / diagnostics Product functions / diagnostics Product function • port diagnostics • yes • statistics Packet Size • yes • statistics Packet Size • yes • statistics packet type • error statistics • Yes • SysLog • Yes Product functions / VLAN product function / Yes • VLAN - port based • VLAN - port based • VLAN - port based • VLAN - protocol-based • VLAN - Pobased • VLAN - IP-based •	product function / switch-managed	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 Yes • I&M0 - device-specific information Yes • I&M1 - higher level designation/location designation Yes • I&M0 - device-specific information Yes • I&M1 - higher level designation/location designation Yes • Identification & restaltation Yes • statistics Packet Size Yes • statistics packet type Yes • statistics packet type Yes • statistics packet type Yes • VLAN - port based Yes	protocol / is supported	
• HTTPS • TFTP • FTP • FTP • FTP • BOOTP • BOOTP • GMRP • GMRP • DCP • LLDP • SNMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) • I&MO - device-specific information • I&MO - device-specific information • I&M1 - higher level designation/location designation • porduct functions • porduct function • port diagnostics product function • port diagnostics • statistics packet Size • statistics packet type • error statistics • SysLog • Ves •	• Telnet	Yes
• TFTP • FTP • FTP • FTP • BOOTP • GMRP • BOMRP • DCP • CAMP • DCP • LLDP • SNMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) • I&M0 - device-specific information • I&M0 - device-specific information • I&M0 - device-specific information • I&M1 - higher level designation/location designation	• HTTP	Yes
● FTP ● BOOTP ● GMRP ● DCP ● Yes ● LLDP ● Yes ● LLDP ● SNMP v1 ● SNMP v2 ● SNMP v3 ● IGMP (snooping/querier) ● I&MO - device-specific information ● I&MO - device-specific information ● I&MM - higher level designation/location designation Product functions / diagnostics product function ● port diagnostics product function ● statistics Packet Size ● statistics Packet Size ● statistics packet type ● error statistics ● SysLog ● Product function Product functions / VLAN product function / VLAN - prot based ● VLAN synamic number of VLANs / maximum number of VLANs / maximum 257 number of VLANs / daring redundancy (HRP; MRP; standby link) synamic / ses yes 257 number of VLANs / daring redundancy (HRP; MRP; standby link)	• HTTPS	Yes
BOOTP GMRP ODP Yes LLDP Yes SNMP v1 SNMP v2 SNMP v2 SNMP v3 IGMP (snooping/querier) Ves identification & maintenance function I&MO - device-specific information I&MO - device-specific information I&MO - device-specific information Ves Ves identification & maintenance function I&MO - device-specific information Ves product functions / diagnostics product functions / diagnostics product function Product functions SysLog Ves SysLog Ves	• TFTP	Yes
• GMRP • DCP • LLDP • SNMP v1 • SNMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) • Identification & maintenance function • I&M0 - device-specific information • I&M0 - device-specific information • I&M1 - higher level designation/location designation * product functions / diagnostics product function • port diagnostics product function • port diagnostics * Yes • statistics Packet Size • statistics packet type • error statistics • SysLog * Yes • error statistics * Yes • SysLog * Yes * O'LAN - port based • VLAN - protocol-based • VLAN - protocol-based • VLAN - IP-based	• FTP	Yes
• DCP • LLDP • SMMP v1 • SMMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) identification & maintenance function • I&MO - device-specific information • IaMI - higher level designation/location designation • pord diagnostics product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product functions / VLAN product function • VLAN - prot based • VLAN - protocol-based • VLAN - Probased • VLAN - IP-based • VLAN iP-based • VLAN dynamic number of VLANs / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) standby link)	• BOOTP	Yes
• LLDP • SNMP v1 • SNMP v2 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) • Identification & maintenance function • I&MO - device-specific information • I&M1 - higher level designation/location designation • I&M1 - higher level designation/location designation • pord diagnostics product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics Packet Size • statistics packet type • error statistics • yes • statistics packet type • error statistics • Yes • Ves • SysLog product functions / VLAN product functions / VLAN product function • VLAN - port based • VLAN - protocol-based • VLAN - protocol-based • VLAN - IP-based • VLAN - IP-based • VLAN dynamic number of VLANs / maximum number of VLANs / dat ring redundancy (HRP; MRP; standby link) standby link)	• GMRP	No
• SNMP v1 • SNMP v2 • SNMP v3 • SNMP v3 • SNMP v3 • IGMP (snooping/querier) identification & maintenance function • I&M0 - device-specific information • I&M1 - higher level designation/location designation product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product functions • VLAN - port based • VLAN - protocol-based • VLAN - protocol-based • VLAN - IP-based • VLAN / maximum number of VLANs / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) yes standby link) Yes Yes • SNMP v2 Yes Yes Yes Yes Yes Yes Yes Ye	• DCP	Yes
• SNMP v2 • SNMP v3 • IGMP (snooping/querier) identification & maintenance function • I&MO - device-specific information • I&MO - device-specific information • I&M1 - higher level designation/location designation product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics Packet type • error statistics • SysLog product functions / VLAN product functions / VLAN product function • VLAN - port based • VLAN - protocol-based • VLAN - IP-based • VLAN dynamic number of VLANs / maximum number of VLANs - dynamic / maximum standby link) Yes Yes Yes Yes Yes Yes Yes Ye	• LLDP	Yes
• SNMP v3 • IGMP (snooping/querier) identification & maintenance function • I&M0 - device-specific information • I&M1 - higher level designation/location designation product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / Ves • SysLog product functions / Ves • SysLog product functions / VLAN product function / VLAN - port based • VLAN - protocol-based • VLAN - protocol-based • VLAN - IP-based	• SNMP v1	Yes
IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation Product functions / diagnostics product function Port diagnostics Statistics Packet Size Statistics packet type Statistics packet type Froduct functions / Ves SysLog Product functions / Ves Product functions / Ves Nes Ves Nouth Note of VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN - IP-based VLAN - Monamic Nouth Note of VLAN - Maximum Number of VLANs - dynamic / maximum Number of VLANs - dynamic / maximum Number of VLANs / at ring redundancy (HRP; MRP; standby link) Nes Ves SysLog Yes Ves Ves Ves Ves Ves Ves Ves	• SNMP v2	Yes
identification & maintenance function • I&M0 - device-specific information • I&M1 – higher level designation/location designation product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product functions • VLAN - port based • VLAN - protocol-based • VLAN - protocol-based • VLAN - JP-based • VLAN dynamic number of VLANs / maximum number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) 35	• SNMP v3	Yes
● I&M0 - device-specific information Yes ● I&M1 - higher level designation/location designation Yes product functions / diagnostics product function ● port diagnostics Yes ● statistics Packet Size Yes ● statistics packet type Yes ● error statistics Yes ● SysLog Yes Product functions / VLAN product functions / VLAN product function ● VLAN - port based Yes ● VLAN - protocol-based No ● VLAN - IP-based No ● VLAN dynamic Yes number of VLANs / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link) ■ Ves	IGMP (snooping/querier)	Yes
● I&M1 – higher level designation/location designation product functions / diagnostics product function ● port diagnostics Yes ● statistics Packet Size Yes ● statistics packet type Yes ● error statistics Yes ● SysLog Yes product functions / VLAN product function Yes Product function Yes ● VLAN - port based Yes ● VLAN - protocol-based No ● VLAN - IP-based No ● VLAN dynamic Yes number of VLANs / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link) ■ VIAN - IP-based No 1	identification & maintenance function	
product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product functions • VLAN - port based • VLAN - IP-based • VLAN dynamic number of VLANs - dynamic / maximum product function (HRP; MRP; standby link) product functions / VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link)	 I&M0 - device-specific information 	Yes
product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product function • VLAN - port based • VLAN - protocol-based • VLAN - IP-based • VLAN dynamic number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) Yes Yes Yes Yes Yes Yes Yes Ye	• I&M1 – higher level designation/location designation	Yes
port diagnostics statistics Packet Size statistics packet type rerror statistics SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic number of VLANs / maximum puber of VLANs - dynamic / maximum number of VLANs - dynamic / maximum portion of VLANs / at ring redundancy (HRP; MRP; standby link) Yes 157	product functions / diagnostics	
statistics Packet Size statistics packet type error statistics Yes SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN - IP-based VLAN dynamic number of VLANs / maximum pumber of VLANs - dynamic / maximum pumber of VLANs / at ring redundancy (HRP; MRP; standby link) yes standby link)	product function	
 statistics packet type error statistics SysLog Yes product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN - IP-based VLAN dynamic vLAN dynamic Yes number of VLANs / maximum number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) 35 standby link) Yes 35	•	Yes
 statistics packet type error statistics SysLog Yes product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN - IP-based VLAN dynamic vLAN dynamic Yes number of VLANs / maximum number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) 35 standby link) Yes 35		Yes
 error statistics SysLog Yes product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic VLAN dynamic Yes number of VLANs / maximum number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) 35 		Yes
product functions / VLAN product function • VLAN - port based Yes • VLAN - protocol-based No • VLAN - IP-based No • VLAN dynamic Yes number of VLANs / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link)	• error statistics	Yes
product functions / VLAN product function • VLAN - port based Yes • VLAN - protocol-based No • VLAN - IP-based No • VLAN dynamic Yes number of VLANs / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link)	SysLog	Yes
product function • VLAN - port based Yes • VLAN - protocol-based No • VLAN - IP-based No • VLAN dynamic Yes number of VLANs / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link)	product functions / VLAN	
 VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic VLAN dynamic number of VLANs / maximum number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) 		
 VLAN - protocol-based VLAN - IP-based VLAN dynamic VES number of VLANs / maximum number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) 	•	Yes
VLAN - IP-based VLAN dynamic VLANs / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link)		
VLAN dynamic Yes number of VLANs / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link) 35		
number of VLANs / maximum 257 number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link) 35		
number of VLANs - dynamic / maximum 257 number of VLANs / at ring redundancy (HRP; MRP; standby link) 35		
number of VLANs / at ring redundancy (HRP; MRP; standby link) 35		
protocol / is supported / GVRP No	number of VLANs / at ring redundancy (HRP; MRP;	
	protocol / is supported / GVRP	No

product functions / DHCP	
product function	
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
product functions / redundancy	
product function	
 ring redundancy 	Yes
 High Speed Redundancy Protocol (HRP) 	Yes
 high speed redundancy protocol (HRP) with redundancy manager 	Yes
 high speed redundancy protocol (HRP) with standby redundancy 	Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
 media redundancy protocol (MRP) with redundancy manager 	Yes
 redundancy procedure STP 	Yes
 redundancy procedure RSTP 	Yes
 redundancy procedure MSTP 	No
 Parallel Redundancy Protocol (PRP)/operation in the PRP-network 	Yes
 Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	No
passive listening	Yes
protocol / is supported	
STP/RSTP	Yes
• STP	Yes
• RSTP	Yes
• MSTP	No
 RSTP big network support 	Yes
• LACP	No
product functions / security	
product function	Voc
ACL - MAC-based ACL - mart/MAC based	Yes
ACL - port/MAC-based IFFF 903.1v (radius)	Yes
IEEE 802.1x (radius) broadcast/multicost/unicast limiter	Yes
broadcast/multicast/unicast limiterbroadcast blocking	Yes Yes
protocol / is supported	160
• SSH	Yes
product functions / time	
product function	
SICLOCK support	Yes
protocol / is supported	
NTP	Yes
• SNTP	Yes
IEEE 1588 profile default	No
standards, specifications, approvals	
standard	
for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
for emitted interference	EN 61000-6-4 (Class B)
for interference immunity	EN 61000-6-2
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
MTBF	50 y
reference code	
according to IEC 81346-2	KF
• according to IEC 81346-2:2019	KFE

standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
certificate of suitability	
C-Tick	Yes
 KC approval 	Yes
 railway application in accordance with EN 50155 	No
further information / internet-Links	
Internet-Link	
 to web page: selection aid TIA Selection Tool 	http://www.siemens.com/tia-selection-tool
 to website: Industrial communication 	http://www.siemens.com/simatic-net
to website: Industry Mall	https://mall.industry.siemens.com
 to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
to website: Image database	http://automation.siemens.com/bilddb
to website: CAx-Download-Manager	http://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 security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

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