SIEMENS

Data sheet

6GK5208-0BA00-2FC2



SCALANCE XC208EEC manageable Layer 2 IE switch; IEC 62443-4-2 certified; 8x 10/100 Mbit/s RJ45 ports; 1x console port; diagnostics LED; redundant power supply; with painted printed-circuit boards; NAMUR NE21-compliant; temperature range -40 °C to +70 °C; assembly: DIN rail/S7 mounting rail/wall; redundancy functions; Office; features (RSTP, VLAN,...); PROFINET IO device; Ethernet/IP-compliant; C-PLUG slot;

product type designation		
product brand name	SCALANCE	
product type designation	XC208EEC	
transfer rate		
transfer rate	10 Mbit/s, 100 Mbit/s	
interfaces / for communication / integrated		
number of electrical connections		
 for network components or terminal equipment 	8; RJ45	
number of 10/100/1000 Mbit/s RJ45 ports		
 with securing collar 	8	
interfaces / other		
number of electrical connections		
 for operator console 	1	
 for signaling contact 	1	
for power supply	1	
type of electrical connection		
 for operator console 	RJ11	
 for signaling contact 	2-pole terminal block	
for power supply	4-pole terminal block	
design of the removable storage		
• C-PLUG	Yes	
operating voltage / of the signaling contacts		
at DC / rated value	24 V	
operational current / of the signaling contacts		
at DC / maximum	0.1 A	
supply voltage, current consumption, power loss		
product component / connection for redundant voltage supply	Yes	
type of voltage / 1 / of the supply voltage	DC	
supply voltage / 1 / rated value	24 V	
power loss [W] / 1 / rated value	4.2 W	
 consumed current / 1 / at rated supply voltage / maximum 	0.175 A	
supply voltage / 1 / rated value	9.6 31.2 V	
consumed current / 1 / maximum	0.35 A	
 type of electrical connection / 1 / for power supply 	4-pole terminal block	
 product component / 1 / fusing at power supply input 	Yes	
fuse protection type / 1 / at input for supply voltage	2.5 A/ 125 V	
ambient conditions		
ambient temperature		
during operation	-40 +70 °C	
during storage	-40 +85 °C	

a during transport	40 195 °C
during transport relative humidity	-40 +85 °C
relative humidity • at 25 °C / without condensation / during operation /	95 %
maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	compact
width	60 mm
height	147 mm
depth	125 mm
net weight	0.52 kg
product feature / conformal coating	Yes
material / of the enclosure	Polycarbonate (PC-GF10) / pressure die cast aluminum
fastening method	
 35 mm top hat DIN rail mounting 	Yes
wall mounting	Yes
S7-300 rail mounting	Yes
• S7-1500 rail mounting	Yes
product features, product functions, product components / gene	eral
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 function	Von
QoS according to DSCP product feature	Yes
	No
Cut Through switching methodStore & Forward switching method	No Yes
product functions / management, configuration, engineering	165
product functions / management, configuration, engineering	
• CLI	Yes
web-based management	Yes
MIB support	Yes
TRAPs via email	Yes
configuration with STEP 7	Yes
• RMON	Yes
SMTP server	No
• port mirroring	Yes
multiport mirroring	Yes
• CoS	Yes
PROFINET IO diagnosis	Yes
switch-managed	Yes
PROFINET conformity class	В
telegram length / for Ethernet / maximum	1632 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• SFTP	Yes
• BOOTP	No
• GMRP	Yes
• DCP	Yes
• LLDP	Yes
• EtherNet/IP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
IGMP (snooping/querier)	Yes
identification & maintenance function	V
18M0 - device-specific information 2.18M1 - higher level designation/legation designation	Yes
I&M1 - higher level designation/location designation	Yes

product function	product functions / diagnostics	
Port diagnostics		
** statistics packet type	·	Yes
+ stalistics packet type		
Systog		
* Yes product functions / VLAN profused	• • • • • • • • • • • • • • • • • • • •	
product functions / VLAN - protosol-based		
product function • VLAN - port based • VLAN - protocol-based • VLAN - protocol-based • VLAN - protocol-based • VLAN - protocol-based • VLAN - dynamium 257 number of VLANs - dynamium • DHCP product functions / DHCP product function • DHCP server • DHCP Cellent • DHCP Option 82 • DHCP Option 83 • DHCP Option 84 • DHCP Option 85 • DHCP Option 87 • DHCP Option 87 • Media Redundancy Protocol (MRP) with redundancy manager • Media Redundancy Protocol (MRP-1) • of the PROFINET IO device / is supported / H-Sync forwarding • In grodundancy • In	, ,	res
VLAN - protocol-based		
VLAN - IPOtocol based No number of VLANs - Industry number of VLANs - dynamic / maximum 257 product functions / DHCP product functions / DHCP product function • DHCP client • DHC	·	V
VLAN - IP-based No No No No No No No N		
number of VLANs / maximum number of VLANs - dynamic / maximum number of VLANs / at ring redundancy (HRP; MRP; standby link) product functions • HCP server • DHCP client • DHCP client • DHCP plono 82 • DHCP Option 82 • DHCP Option 66 • DHCP Option 67 • DHCP Option 67 • DHCP Option 68 • DHCP Option 68 • DHCP Option 69 • DHCP Option 69 • Media Redundancy product functions / redundancy product functions / redundancy product functions / redundancy product functions / redundancy a manager • Media Redundancy protocol (MRP) with redundancy manager • Media Redundancy Protocol Interconnection (MRP-1) • of the PROFINET IO device / is supported / PROFINET system redundancy • ing redundancy • ing redundancy • ing redundancy • ing redundancy • high speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy • redundancy procedure STP • redundancy procedure STP • redundancy procedure STP • redundancy procedure RSTP •	·	
number of VLANs - dynamic / maximum 257 number of VLANs / at ming redundancy (HRP; MRP; standby list) product functions / DHCP product function		
Inchience of VLANs / at ring redundancy (HRP, MRP, standby link) product functions / DHCP product functions / DHCP product functions / DHCP server		
Inish product functions / DHCP product function	·	
product function	link)	257
OHCP server OHCP Cition 1 OHCP Option 82 OHCP Option 66 OHCP Option 67 Ves OHCP Option 67 Ves OHCP Option 67 Ves OHCP Option 67 Ves Product functions / redundancy protocol / is supported / Media Redundancy Protocol (MRP) Ves Product function OHCP Option 67 OHCP Option 68 OHCP Option 69 OHCP Option 69 OHCP Option 69 Ves Product functions / redundancy protocol / is supported / Media Redundancy Protocol (MRP) Ves OHCP Option 67 OHCP Option 67 OHCP Option 68 OHCP Option 69 OHCP Opt	product functions / DHCP	
DHCP Option 82 DHCP Option 82 Pes DHCP Option 82 Pes DHCP Option 67 Pes Product functions / redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Hespiral (MRP-I) Protocol / is supported / Hespiral (MRP-I) Protocol / is supported / Hespiral (MRP-I) Protocol / is supported / PROFINET (MRP-I) Protocol / is supported / Protocol (MRP-I) Protocol / is supp	product function	
DHCP Option 82 OHCP Option 87 OHCP OHCP OHCP OHCP OHCP OHCP OHCP OHCP	DHCP server	Yes
DHCP Option 68 OHCP Option 67 Yes Product functions: / redundancy product functions / redundancy product functions / redundancy product functions / redundancy protocol (MRP) product functions / redundancy protocol (MRP) with redundancy manager Media Redundancy protocol (Interconnection (MRP-I)) of the PROFINET ID device / is supported / PROFINET system redundancy iniq redundancy iniq redundancy iniq speed redundancy protocol (HRP) with redundancy iniq speed redundancy protocol (HRP) with standby redundancy procedure RSTP real Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening rorocol / is supported	DHCP client	Yes
DHCP Option 67 product functions / rodundancy protocol / is supported / Media Redundancy Protocol (MRP) media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy redundancy procedure RSTP 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 LACP Yes RADIUS client Yes Product function / configuration in RUN via CIRIH-CIR Yes Product function / security product func	DHCP Option 82	Yes
product functions / redundancy protocol // is supported / Media Redundancy Protocol (MRP) • media redundancy protocol (MRP) with redundancy manager • Media Redundancy Protocol Interconnection (MRP-I) • of the PROFINET I'O device / is supported / H-Sync forwarding • of the PROFINET I'O device / is supported / PROFINET system redundancy • inig redundancy • inig redundancy • inig redundancy • inig speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy • redundancy • redundancy • redundancy procedure RSTP • redundancy procedure RSTP • 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 • LACP yes system modification during operation product function / configuration in RUN via CIRIH-CIR product function / configuration in RUN via CIRIH-CIR product function / security product function / security product function / separation • IEEE 802.1x (radius) • RADIUS client • SSH • broadcast blocking • reduct functions / time product functions / security Product functions / security Prosported • SSH • SSL • Yes product functions / time product functions / time	DHCP Option 66	Yes
protocol / is supported / Media Redundancy Protocol (MRP) product function manager Media Redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy ing redundancy protocol (HRP) with redundancy manager ing redundancy protocol (HRP) with standby redundancy procedure RSTP indundancy procedure RSTP inedundancy protocol (PRP)/Operation in the inedundancy procedure RSTP inedundancy protocol (PRP)/Operation in the inedundancy procedure RSTP inedundancy in	DHCP Option 67	Yes
product function media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy procedure STP redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP 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 LACP LACP yes product function / configuration in RUN via CiR/H-CiR product function / security product function / security product function / security product functions / time product functions / time	product functions / redundancy	
product function media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy procedure STP redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP 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 LACP LACP yes product function / configuration in RUN via CiR/H-CiR product function / security product function / security product function / security product functions / time product functions / time	protocol / is supported / Media Redundancy Protocol (MRP)	Yes
media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding of the PROFINET IO device / is supported / PROFINET yes forwarding of the PROFINET IO device / is supported / PROFINET yes system redundancy or ing redundancy in ing redundancy in ing speed redundancy protocol (HRP) with redundancy manager in ligh speed redundancy protocol (HRP) with standby redundancy redundancy procedure STP in redundancy procedure RSTP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure MSTP redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/operation in the Yes Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening protocol / is supported i LACP yes product function / configuration in RUN via CiR/H-CiR product function / configuration in RUN via CiR/H-CiR product function / security product functions / security		
Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding of the PROFINET IO device / is supported / PROFINET system redundancy of the PROFINET IO device / is supported / PROFINET system redundancy of the PROFINET IO device / is supported / PROFINET system redundancy of the PROFINET IO device / is supported / PROFINET system redundancy of the PROFINET IO device / is supported / PROFINET system redundancy of the profit in the profit in the support of the profit in the profit i		Yes
of the PROFINET IO device / is supported / H-Sync forwarding of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing speed redundancy protocol (HRP) with redundancy manager ingh speed redundancy protocol (HRP) with standby redundancy ingh speed redundancy protocol (HRP) with standby redundancy indundancy procedure STP indundancy procedure RSTP indundancy protocol (PRP)/PRedundant Network indundancy protoco	-	Yes
of the PROFINET IO device / is supported / PROFINET system redundancy or ring redundancy or ring redundancy or high speed redundancy protocol (HRP) with redundancy manager or high speed redundancy protocol (HRP) with standby redundancy or edundancy procedure STP or redundancy procedure RSTP or redundancy procedure RSTP or redundancy procedure RSTP or redundancy procedure MSTP or redundancy procedure MSTP or Parallel Redundancy Protocol (PRP)/operation in the PRP-network or Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) or passive listenting protocol / is supported or LACP yes product function / configuration in RUN via CIR/H-CIR product function / configuration in RUN via CIR/H-CIR product function / security product function or IEEE 802.1x (radius) ves broadcast/multicast/unicast limiter or broadcast blocking ves protocol / is supported or SSL ves ves product function / tonfiguration with redundancy redundancy redundancy redundancy procedure / yes protocol / is supported or SSL ves product function / tonfiguration with redundancy redundancy redundancy procedure / yes or SSL yes redundancy procedure MSTP ves redundancy procedure MSTP ves ves redundancy procedure MSTP ves v	• of the PROFINET IO device / is supported / H-Sync	
ining redundancy injg speed redundancy protocol (HRP) with redundancy manager injg speed redundancy protocol (HRP) with standby redundancy injg speed redundancy procedure STP injg speed redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure MSTP redundancy procedure MSTP redundancy procedure MSTP redundancy procedure MSTP redundancy protocol (PRP)/operation in the PRP-network redundancy Protocol (PRP)/Redundant Network redundancy Protocol (PRP)/Redun	of the PROFINET IO device / is supported / PROFINET	Yes
 high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure RSTP 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 rotocol / is supported LACP yes system modification during operation product function / configuration in RUN via CIR/H-CIR read of the configuration in RUN via CIR/H-Cir responduct functions / security product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast/multicast/unicast limiter res broadcast blocking protocol / is supported SSH SSL yes product functions / time 		Yes
 high speed redundancy protocol (HRP) with standby redundancy redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP 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 yes protocol / is supported LACP yes system modification during operation reduct function / configuration in RUN via CIR/H-CIR reduct functions / security RADIUS client Fes Product functions/ is supported broadcast/multicast/unicast limiter res res<td> high speed redundancy protocol (HRP) with redundancy </td><td></td>	 high speed redundancy protocol (HRP) with redundancy 	
redundancy procedure RSTP redundancy procedure RSTP+ redundancy procedure MSTP redundancy procedure MSTP redundancy procedure MSTP redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening rotocol / is supported LACP roduct function / configuration in RUN via CiR/H-CiR roduct functions / security product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast blocking rotocol / is supported SSH SSH SSL Yes product functions / time product functions / time product functions / time	 high speed redundancy protocol (HRP) with standby 	Yes
redundancy procedure RSTP+ redundancy procedure MSTP redundancy protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Parallel Redundancy Protocol (PRP)/Redundant Network Parallel Redundancy Protocol (PRP)/Redundant Network Passive listening Yes protocol / is supported LACP Yes system modification during operation product function / configuration in RUN via CiR/H-CiR Yes product functions / security product function IEEE 802.1x (radius) Yes RADIUS client Yes broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSH SSL Yes product functions / time product functions / time product functions / time	•	Yes
redundancy procedure RSTP+ redundancy procedure MSTP redundancy protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Parallel Redundancy Protocol (PRP)/Redundant Network Parallel Redundancy Protocol (PRP)/Redundant Network Passive listening Yes protocol / is supported LACP Yes system modification during operation product function / configuration in RUN via CiR/H-CiR Yes product functions / security product function IEEE 802.1x (radius) Yes RADIUS client Yes broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSH SSL Yes product functions / time product functions / time product functions / time	• •	Yes
redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening yes protocol / is supported LACP Yes system modification during operation product function / configuration in RUN via CiR/H-CiR product functions / security product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / security product function / yes SSH SSL Yes product function / yes product function / yes protocol / is supported SSH SSL Yes product functions / time		Yes
Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening Protocol / is supported LACP product function / configuration in RUN via CiR/H-CiR product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Product functions / time product functions / time product functions / time Product functions / security Product functions / security Yes Yes Yes Yes Yes Yes Yes Ye	* *	
PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening protocol / is supported LACP yes system modification during operation product function / configuration in RUN via CiR/H-CiR product functions / security product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast functions yes stream yes broadcast blocking protocol / is supported SSH SSL Yes product functions / time product functions / time	• •	
Access (RNA) • passive listening protocol / is supported • LACP yes system modification during operation product function / configuration in RUN via CiR/H-CiR product functions / security product function • IEEE 802.1x (radius) • RADIUS client • broadcast/multicast/unicast limiter • broadcast blocking protocol / is supported • SSH • SSL yes product functions / time product functions / time	PRP-network	
protocol / is supported • LACP **System modification during operation product function / configuration in RUN via CiR/H-CiR **Product functions / security **product functions / security **product function / security **product function / security **product function / security **product function / yes • RADIUS client	Access (RNA)	
Ves system modification during operation product function / configuration in RUN via CiR/H-CiR Yes product functions / security product function IEEE 802.1x (radius) Yes RADIUS client Yes broadcast/multicast/unicast limiter Yes broadcast blocking Yes protocol / is supported SSH Yes SSL Yes product functions / time product functions	· · · · · · · · · · · · · · · · · · ·	100
product function / configuration in RUN via CiR/H-CiR product functions / security product function IEEE 802.1x (radius) RADIUS client Ibroadcast/multicast/unicast limiter Ibroadcast blocking Protocol / is supported SSH SSL Product functions / time Product functions		Vec
product function / configuration in RUN via CiR/H-CiR Product functions / security product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast blocking Protocol / is supported SSH SSL Product functions / time product function		100
product functions / security product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast blocking yes protocol / is supported SSH SSL Yes Product functions / time product function		Voc
product function IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast blocking Yes protocol / is supported SSH SSL Yes product functions / time product function		1 50
IEEE 802.1x (radius) RADIUS client broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Product functions / time Product function Yes Yes Yes Yes Yes Yes	·	
RADIUS client broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Product functions / time product function Yes Yes Yes Yes	•	Voc
broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / time product function		
broadcast blocking protocol / is supported SSH SSL Yes product functions / time product function Product function Product function		
protocol / is supported SSH SSL Yes Product functions / time product function		
SSH SSL Yes product functions / time product function		Yes
• SSL Yes product functions / time product function		
product functions / time product function		
product function		Yes
	product functions / time	
SICLOCK support Yes	product function	
	SICLOCK support	Yes

NTP-client	Yes
SNTP client	Yes
protocol / is supported	165
NTP	Yes
• SNTP	Yes
standards, specifications, approvals	l es
certificate of suitability	Voc
CE marking Populatory Compliance Mark (BCM)	Yes Yes
Regulatory Compliance Mark (RCM) Product conformity (conording to EMC guideling)	2014/30/EU
product conformity / according to EMC-guideline standard	2014/30/EU
	EN 61000 6 4 EN 60101 4
• for EMC interference emission	EN 61000-6-4, EN 50121-4
• for immunity to EMC	EN 61000-6-2, EN 50121-4
for safety / from CSA and UL	UL 60950-1 E115352, UL-61010-2 E85972
standards, specifications, approvals / hazardous environments	
certificate of suitability	V
• ATEX	Yes
• UKEX	Yes
• IECEX	Yes
ULhazloc approval	Yes
CCC / for hazardous zone according to GB standard	Yes
FM registration	Yes
standards, specifications, approvals / other	
certificate of suitability	
 railway application in accordance with EN 50121-4 	Yes
RoHS conformity	Yes
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
standards, specifications, approvals / Environmental Product De	eclaration
Environmental Product Declaration	Yes
Global Warming Potential [CO2 eq]	
● total	153.7 kg
during manufacturing	28.4 kg
 during operation 	125.2 kg
after end of life	0.02 kg
product functions / general	
MTBF	48 a
reference code	
 according to IEC 81346-2 	KF
• according to IEC 81346-2:2019	KFE
Warranty period	5 a
product function / is supported / identification link	Yes; according to IEC 61406-1:2022
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/de/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. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit

www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval





Manufacturer Declara-<u>tion</u>

Miscellaneous



Miscellaneous

General Product Approval

Metrological Approval





EMV



For use in hazardous locations

<u>FM</u>

Marine / Shipping







NK / Nippon Kaiji Ky-<u>okai</u>





Marine / Shipping

CCS (China Classification Society)





Environment

Siemens **EcoTech**

PROFINET

nication

Industrial Commu-

last modified:

10/23/2024

