# **SIEMENS**

## **Data sheet**



SCALANCE XC208G EEC manageable Layer 2 IE switch; IEC 62443-4-2 certified; 8x 10/100/1000 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	XC208G EEC
Technical Product Detail Page	https://i.siemens.com/1P6GK5208-0GA00-2FC2
transfer rate	
transfer rate	10, 100, 1000 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
<ul> <li>for network components or terminal equipment</li> </ul>	8; RJ45
number of 10/100/1000 Mbit/s RJ45 ports	
with securing collar	8
interfaces / other	
number of electrical connections	
<ul> <li>for operator console</li> </ul>	1
<ul> <li>for signaling contact</li> </ul>	1
for power supply	1
type of electrical connection	
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	
<ul><li>supply voltage / 1 / rated value</li></ul>	24 V
<ul><li>power loss [W] / 1 / rated value</li></ul>	4.3 W
<ul> <li>consumed current / 1 / at rated supply voltage / maximum</li> </ul>	0.26 A
<ul><li>supply voltage / 1 / voltage range</li></ul>	9.6 31.2
<ul><li>consumed current / 1 / maximum</li></ul>	0.36 A
<ul> <li>type of electrical connection / 1 / for power supply</li> </ul>	4-pole terminal block
product component / 1 / fusing at power supply input	Yes
ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-40 +70 °C
during storage	-40 +85 °C

**Butting trainsport **at 25 °C / without condensation / during operation / maximum protection class IP	during transport	-40 +85 °C
e at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design compact width 60 mm height 147 mm despth 125 mm 1	<u> </u>	
maximum protection class IP (IP20)  design, dimensions and weights  design  width 60 mm  height 147 mm  deepth 155 mm  net weight 0.52 kg  product feature / conformal coating material / of the enclosure  fastening method  **3 mm Din-vall mounting Yes  **3-30 mail mounting Yes  **57-300 rail mounting Yes  **57	•	95 %
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 8		00 70
design compact with 60 mm height 147 mm height 147 mm height 125 mm here weight 125 mm he	protection class IP	IP20
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 altuminum  fastening method	design, dimensions and weights	
height   147 mm   125 mm   1	design	compact
depth	width	60 mm
net weight product feature / conformal coating product feature / profuser fastening method • 35 mm DIN-rail mounting • val mounting • S7-300 rail mounting • S7-300 rail mounting • S7-1500 rail mounting • S7-1500 rail mounting  product features, product functions, product components / general cascading in the case of a redundant ring / at reconfiguration time of \$\cdot -0.3 \cdots cascading in cases of star topology product function • QoS according to DSCP  yes  product teature • Cut Through switching method • Store & Forward switching method • CLI • Web-based management • CLI • Web-based management • Cut Through switching method • CLI • Web-based management • Cut Through switching method • CLI • Web-based management • Cut Through switching method • CLI • Web-based management • Cut Through switching method • CLI • Web-based management • Cut Through switching method • Cut	height	147 mm
product feature / conformal coating Yes material / of the enclosure	depth	125 mm
material / of the enclosure fastering method	net weight	0.52 kg
fastening method  • 35 mm DIN-rail mounting  • wall mounting  • S7-300 rail mounting  • Yes  • S7-300 rail mounting  • Yes  • Cascading in the case of a redundant ring / at reconfiguration  • Cascading in cases of star topology  product function  • QoS according to DSCP  product feature  • Cut Through switching method  • Store & Forward switching method  • Cut  • Yes  • MIB support  • TRAPs via email  • Configuration with STEP 7  • RMON  • SMTP server  • No  • SMTP server  • No  • SMTP server  • No  • DROFINET to diagnosis  • Yes  • PROFINET to diagnosis  • Yes  • PROFINET to diagnosis  • Yes  • Switch-managed  • Yes  • PROFINET conformity class  • Switch-managed  • Yes  • PROFINET conformity class  • Switch-managed  • Yes  • SPROFINET conformity class  • Supported  • Telnet  •	product feature / conformal coating	Yes
• 35 mm DIN-rail mounting • ves • wall mounting • S7-300 rail mounting • S7-1500 rail mounting • S7-	material / of the enclosure	Polycarbonate (PC-GF10) / pressure die cast aluminum
wall mounting	fastening method	
S7-300 rail mounting S7-300 rail mounting Yes  Product features, product functions, product components / general  cascading in the case of a redundant ring / at reconfiguration time of <\(-0.3)-s\) cascading in cases of star topology product function  OoS according to DSCP Yes  Product feature Out Through switching method Store & Forward switching method Store & Forward switching method CLI Yes  Web-based management, configuration, engineering  Product function  CLI Yes  Web-based management Yes  Noll SMTP server RMON SMTP server Port mirroring Port mirroring Wes  Wes  PROFINET IO diagnosis PROFINET IO fibernet / maximum  Protocol / is supported  Telnet  HITTP Yes  HITTP Yes  HITTP Yes  FIFTP Yes  BOOTP  Won  Mon  Wes  Yes  POCP  Wes  Yes  POCP  Yes  HITTP Yes  BOOTP  Won  Won  Won  Wes  Yes  POCP  Yes  Wes  Won  Won  Won  Won  Won  Won  Won  Wo	• 35 mm DIN-rail mounting	Yes
S7-1500 rail mounting  product teatures, product functions, product components / general cascading in the case of a redundant ring / at reconfiguration lime of <\( -0.3\) i—s cascading in cases of star topology  product function  QoS according to DSCP  yes  Product function  Cut Through switching method Store & Forward switching method Yes  Product functions  Cut Through switching method Yes  Product functions  No Store & Forward switching method Yes  Product functions / management, configuration, engineering  product functions / web-based management Yes  MIB support Yes  Cut Through switching method Yes  Web-based management Yes  MIB support Yes  PRAMON Yes  Configuration with STEP 7 Yes  RMON Yes  Port mirroring Yes  multiport mirroring Yes  PROFINET IO diagnosis Yes  PROFINET IO diagnosis Yes  PSWICH-managed Yes  PROFINET conformity class  network load class / according to PROFINET  Itelegram length / for Ethernet / maximum  protocol / is supported  Telnet  Yes  FIFTP Yes  BOOTP  Work  MORP Yes  Poch MRP Yes  Poch MRP Yes  Poch MRP Yes  Yes  Poch MRP Yes  Poch	<ul> <li>wall mounting</li> </ul>	Yes
product features, product functions, product components / general  cascading in the case of a redundant ring / at reconfiguration time of <-0.30-s    cascading in cases of star topology any (depending only on signal propagation time)  product function  ◆ Cos according to DSCP Yes  product feature  ◆ Cut Through switching method Yes  product functions / management, configuration, engineering  product functions / management, configuration, engineering  product function Yes  ◆ No Yes  ◆ TRAPs via email Yes  ◆ No Yes  ◆ SMTP server No  ◆ SMTP server No  ◆ port mirroring Yes  ◆ multiport mirroring Yes  ◆ multiport mirroring Yes  ◆ witch-managed Yes  PROFINET IO diagnosis Yes  ◆ switch-managed Yes  PROFINET conformity class B  network load class / according to PROFINET III  telegram length / for Ethernet / maximum protocol / is supported  ◆ Telnet Yes  ◆ HTTP Yes  ◆ FTP  ◆ HTTPS Yes  ◆ FTP  ◆ SFTP  ◆ SFTP  ◆ SGMRP  ◆ OCP  ◆ Yes  ◆ OCP  ◆ OMRP  ◆ Yes  ◆ OCP  ◆ OMRP  ◆ Yes  ◆ OCP  ◆ Yes  ◆ OCP  ◆ OMRP  ◆ Yes  ◆ OCP  ◆ OMRP  ◆ Yes  ◆ OCP  ◆ Yes  ◆ OCP  ◆ Yes  ◆ OCP  ◆ OMRP  ◆ Yes  ◆ OCP  ◆ Yes  ◆ OCP  ◆ Yes  ◆ OCP  ◆ OMRP  ◆ Yes  ◆ OCP  ◆ Yes  ◆ OCR  ◆ ORR  ◆ Yes  ◆ ORR  ◆ ORR  ◆ Yes  ◆ OCR  ◆ ORR  ◆ ORR  ◆ Yes  ◆ OCR  ◆ ORR  ◆ ORR  ◆ Yes  ◆ OCR  ◆ ORR  ◆ Yes  ◆ OCR  ◆ ORR	<ul> <li>S7-300 rail mounting</li> </ul>	Yes
cascading in the case of a redundant ring / at reconfiguration time of <\(-\)-0.3\(-	• S7-1500 rail mounting	Yes
time of <1-0.3 -s cascading in cases of start topology product function	product features, product functions, product components / gene	eral
product function   • QoS according to DSCP		50
Product feature  - Cut Through switching method - Store & Forward switching method - Yes - Mills support - Messed management - Mills support - Messed management - Messed manage	cascading in cases of star topology	any (depending only on signal propagation time)
product feature  • Cut Through switching method • Store & Forward switching method  • Store & Forward switching method  product functions / management, configuration, engineering  product function  • CLI • web-based management • Yes • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • Yes • port mirroring • yes • PROFINET IO diagnosis • switch-managed  PROFINET conformity class network load class / according to PROFINET  telegram length / for Ethernet / maximum  protocol / is supported  • Telnet • HTTP • GMRP • GMRP • ODCP • Yes • DCP	product function	
Cut Through switching method Store & Forward switching method  Store & Forward switching method  Product functions  CLI  CLI  Wes  Web-based management  MIB support  TRAPs via email  Configuration with STEP 7  RMON  SMTP server  Port mirroring  Toda or multiport mirroring  COS  PROFINET IO diagnosis  Switch-managed  PROFINET conformity class  Retwork load class / according to PROFINET  telegram length / for Ethernet / maximum  Protocol / is supported  Telett  HTTP  HTTPS  HTTPS  SFTP  BOOTP  BMOR  Pes  Yes  PROFINEP  GMRP  Yes  Pes  GMRP  Yes  Yes  Yes  Pes  Pes  Yes  Pes  Pe	QoS according to DSCP	Yes
Store & Forward switching method  product functions / management, configuration, engineering  product function  • CLI  • web-based management  • MIB support  • TRAPs via email  • configuration with STEP 7  • RMON  • SMTP server  • port mirroring  • multiport mirroring  • cos  • PROFINET IO diagnosis  • switch-managed  PROFINET conformity class  network load class / according to PROFINET  telegram length / for Ethernet / maximum  protocol / is supported  • Telnet  • HTTP  • SFTP  • BOOTP  • GMRP  • GMRP  • CLI  Yes  Yes  • Yes  • SETP  • GMRP  • Yes  • CLI  Yes  • SETP  • GMRP  • CLI  Yes  • Ves  • SETP  • GMRP  • CLI  Yes  • Ves  • SETP  • GMRP  • CLI  Yes  • Ves  • Ves  • CLI  Yes  • Ves  • Ves  • CLI  Yes  • CLI  Yes  • CLI  Yes  • CLI  Yes  • COS  • CRITICAL CONTINET  III  * Continue Continue Class / Contin	product feature	
product function   Yes	<ul> <li>Cut Through switching method</li> </ul>	No
product function         CLI         Yes           • web-based management         Yes           • wBl 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         B           network load class / according to PROFINET         III           telegram length / for Ethernet / maximum         10240 byte           protocol / is supported         Yes           • Telnet         Yes           • HTTP         Yes           • HTTP         Yes           • FTP         Yes           • SFTP         Yes           • BOOTP         No           • GMRP         Yes           • DCP         Yes	<ul> <li>Store &amp; Forward switching method</li> </ul>	Yes
CLI     web-based management     Yes     web-based management     Yes     MIB support     TRAPs via email     Yes     configuration with STEP 7     Yes     RMON     SMTP server     No     sport mirroring     Yes     multiport mirroring     Yes     PROFINET IO diagnosis     switch-managed     Yes     PROFINET conformity class     network load class / according to PROFINET     Ill     telegram length / for Ethernet / maximum     Telnet     HTTP     Yes     HTTP     Yes     HTTP     Yes     SFTP     SFTP     SGTP     BOOTP     GMRP     COR     Yes     Yes     PROFINE     Yes     Yes     Yes     No     SFTP     SGMRP     Yes     DCP     Yes     Yes     Yes     Yes     SGMRP     Yes     Yes     Yes     Yes     Yes     Yes     SGMRP     Yes     Yes     Yes     SGMRP     Yes     Yes     SGMRP     Yes     Yes     Yes     Yes     SGMRP     Yes     Y	product functions / management, configuration, engineering	
	product function	
	• CLI	Yes
	<ul> <li>web-based management</li> </ul>	Yes
<ul> <li>configuration with STEP 7</li> <li>RMON</li> <li>SMTP server</li> <li>No</li> <li>port mirroring</li> <li>Yes</li> <li>multiport mirroring</li> <li>CoS</li> <li>PROFINET IO diagnosis</li> <li>switch-managed</li> <li>Yes</li> <li>PROFINET conformity class</li> <li>network load class / according to PROFINET</li> <li>telegram length / for Ethernet / maximum</li> <li>10240 byte</li> <li>protocol / is supported</li> <li>↑ Telnet</li> <li>↑ HTTP</li> <li>↑ HTTP</li> <li>↑ FTFP</li> <li>↑ FFTP</li> <li>↑ FSTP</li> <li>♠ BOOTP</li> <li>♠ BOOTP</li> <li>♠ GMRP</li> <li>♠ DCP</li> </ul>	MIB support	Yes
	• TRAPs via email	Yes
	<ul><li>configuration with STEP 7</li></ul>	Yes
<ul> <li>port mirroring</li> <li>multiport mirroring</li> <li>CoS</li> <li>PROFINET IO diagnosis</li> <li>switch-managed</li> <li>PROFINET conformity class</li> <li>network load class / according to PROFINET</li> <li>telegram length / for Ethernet / maximum</li> <li>protocol / is supported</li> <li>Telnet</li> <li>HTTP</li> <li>HTTP</li> <li>HTTPS</li> <li>HTTPS</li> <li>SFTP</li> <li>SFTP</li> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> </ul>	• RMON	Yes
<ul> <li>multiport mirroring</li> <li>CoS</li> <li>PROFINET IO diagnosis</li> <li>switch-managed</li> <li>PROFINET conformity class</li> <li>network load class / according to PROFINET</li> <li>telegram length / for Ethernet / maximum</li> <li>protocol / is supported</li> <li>Telnet</li> <li>HTTP</li> <li>HTTP</li> <li>Yes</li> <li>HTTPS</li> <li>Yes</li> <li>TFTP</li> <li>SFTP</li> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> <li>Yes</li> </ul>	SMTP server	No
	• port mirroring	Yes
	<ul> <li>multiport mirroring</li> </ul>	Yes
● switch-managed Yes  PROFINET conformity class B  network load class / according to PROFINET III  telegram length / for Ethernet / maximum 10240 byte  protocol / is supported  ● Telnet Yes  ● HTTP Yes  ● HTTPS Yes  ● TFTP Yes  ● SFTP  ● BOOTP  ● BOOTP  ● GMRP  ● DCP	• CoS	Yes
PROFINET conformity class  network load class / according to PROFINET  telegram length / for Ethernet / maximum  protocol / is supported  • Telnet  • HTTP  • HTTPS  • HTTPS  • SFTP  • SFTP  • BOOTP  • GMRP  • DCP	<ul> <li>PROFINET IO diagnosis</li> </ul>	Yes
network load class / according to PROFINET  telegram length / for Ethernet / maximum  10240 byte  protocol / is supported  • Telnet  • HTTP  • HTTPS  • HTTPS  • SFTP  • SFTP  • BOOTP  • GMRP  • DCP  III  10240 byte	switch-managed	Yes
telegram length / for Ethernet / maximum  protocol / is supported  • Telnet  • HTTP  • HTTPS  • HTTPS  • TFTP  • SFTP  • BOOTP  • GMRP  • DCP  10240 byte  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	PROFINET conformity class	В
protocol / is supported           • Telnet         Yes           • HTTP         Yes           • HTTPS         Yes           • TFTP         Yes           • SFTP         Yes           • BOOTP         No           • GMRP         Yes           • DCP         Yes	network load class / according to PROFINET	III
<ul> <li>Telnet</li> <li>HTTP</li> <li>HTTPS</li> <li>HTTPS</li> <li>Yes</li> <li>TFTP</li> <li>SFTP</li> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	telegram length / for Ethernet / maximum	10240 byte
<ul> <li>HTTP</li> <li>HTTPS</li> <li>Yes</li> <li>TFTP</li> <li>SFTP</li> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	protocol / is supported	
<ul> <li>HTTPS</li> <li>TFTP</li> <li>SFTP</li> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	• Telnet	Yes
<ul> <li>TFTP</li> <li>SFTP</li> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	• HTTP	Yes
<ul> <li>SFTP</li> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> <li>Yes</li> <li>Yes</li> </ul>	• HTTPS	Yes
<ul> <li>BOOTP</li> <li>GMRP</li> <li>DCP</li> <li>No</li> <li>Yes</li> <li>Yes</li> </ul>	• TFTP	Yes
<ul><li>GMRP</li><li>DCP</li><li>Yes</li><li>Yes</li></ul>	• SFTP	Yes
• DCP Yes	• BOOTP	No
	• GMRP	Yes
• LLDP Yes	• DCP	Yes
	• LLDP	Yes
• EtherNet/IP Yes	• EtherNet/IP	Yes
• SNMP v1 Yes	• SNMP v1	Yes
• SNMP v2 Yes	• SNMP v2	Yes
• SNMP v3 Yes	• SNMP v3	Yes
• IGMP (snooping/querier) Yes	• IGMP (snooping/querier)	Yes

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	
<ul> <li>port diagnostics</li> </ul>	Yes
statistics Packet Size	Yes
statistics packet type	Yes
• error statistics	Yes
SysLog	Yes
product functions / VLAN	
product function	
VLAN - port based	Yes
<ul> <li>VLAN - protocol-based</li> </ul>	No
VLAN - IP-based	No
number of VLANs / maximum	257
number of VLANs - dynamic / maximum	257
number of VLANs / at ring redundancy (HRP; MRP; standby	257
link)	
product functions / DHCP	
product function	
DHCP server	Yes
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
product functions / redundancy	
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
<ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul>	Yes
<ul> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> </ul>	Yes
<ul> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> </ul>	Yes
<ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</li> </ul>	Yes
• ring redundancy	Yes
<ul> <li>high speed redundancy protocol (HRP) with redundancy manager</li> </ul>	Yes
<ul> <li>high speed redundancy protocol (HRP) with standby redundancy</li> </ul>	Yes
<ul> <li>redundancy procedure STP</li> </ul>	Yes
<ul> <li>redundancy procedure RSTP</li> </ul>	Yes
<ul><li>redundancy procedure RSTP+</li></ul>	Yes
• redundancy procedure MSTP	Yes
<ul> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No
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	Yes
broadcast blocking	Yes
protocol / is supported	

• SSH	Yes
• SSL	Yes
product functions / time	165
product function	
SICLOCK support	Yes
NTP-client	Yes
SNTP client	Yes
protocol / is supported	165
NTP	Yes
• SNTP	Yes
IEEE 1588 profile default	Yes
standards, specifications, approvals	
certificate of suitability	
CE marking	Yes
• cULus approval	Yes
• KC approval	Yes
Regulatory Compliance Mark (RCM)	Yes
product conformity / according to EMC-guideline	2014/30/EU
standard	
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	
• 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	
<ul> <li>railway application in accordance with EN 50121-4</li> </ul>	Yes
RoHS conformity	Yes
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
standards, specifications, approvals / marine classification	
Marine classification association	
<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	Yes
<ul> <li>French marine classification society (BV)</li> </ul>	Yes
<ul> <li>Chinese Classification Society (CCS)</li> </ul>	Yes
<ul> <li>Det Norske Veritas (DNV)</li> </ul>	Yes
<ul> <li>Korean Register of Shipping (KRS)</li> </ul>	Yes
<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	Yes
<ul> <li>Nippon Kaiji Kyokai (NK)</li> </ul>	Yes
<ul> <li>Polski Rejestr Statkow (PRS)</li> </ul>	Yes
Royal Institution of Naval Architects (RINA)	Yes
standards, specifications, approvals / Environmental Product De	eclaration
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	135.7 kg
during manufacturing	26.3 kg
<ul> <li>during operation</li> </ul>	109 kg
after end of life	0.4 kg
product functions / general	
MTBF	54 a
warranty period	5 a
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
further information / internet links	

internet link

• to website: Selection guide for cables and connectors

• to web page: selection aid TIA Selection Tool

• to website: Industrial communication

to web page: SiePortalto website: Image database

to website: CAx-Download-Managerto website: Industry Online Support

https://support.industry.siemens.com/cs/ww/en/view/109766358

https://www.siemens.com/tstcloud

https://www.siemens.com/simatic-net

https://sieportal.siemens.com/

https://www.automation.siemens.com/bilddb

https://www.siemens.com/cax

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**





China RoHS





**Miscellaneous** 

#### **General Product Approval**

EMV

For use in hazardous locations

Declaration of Conformity



**TUEV** 

<u>KC</u>



IECEx



#### For use in hazardous locations

## Maritime application

<u>FM</u>

CCC-Ex









**Environment** 

#### Maritime application

NK / Nippon Kaiji Kyokai





CCS (China Classification Society)





### Industrial Communication

**PROFINET** 

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