## **SIEMENS**

## **Data sheet**



SCALANCE XC216-3G PoE manageable Layer 2 IE PoE Switch; 14x 10, 100/1000 Mbps; RJ45 PoE Ports according to IEEE802.3at; 2 ports thereof according to IEEE802.3bt; IEC 62443-4-2 certified 2x 10/100/1,000 Mbps RJ45; 2x 1,000, 10,000 Mbps SFP+; 1x 1,000 Mbps SFP; PoE support for 24 V DC infeed; 120 W PoE power can be distributed among all PoE ports; 1x console port; diagnostics LED; redundant power supply; temperature range -40 °C to +60 °C; mounting on DIN rail/S7 mounting rail /wall; redundancy functions; Office features (RSTP, VLAN, ...); PROFINET device; Ether(\*)

product type designation	SCALANCE
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s
interfaces / for communication / maximum configuration for mo	dular devices
number of electrical ports / maximum	16
number of electrical ports / with PoE / maximum	14
number of optical ports / maximum	3
interfaces / for communication / integrated	
number of electrical connections	
<ul> <li>for network components or terminal equipment</li> </ul>	16; RJ45
number of 10/100/1000 Mbit/s RJ45 ports / integrated	
with securing collar	16; 12 PoE ports according to IEEE 802.3at (30 W), 2 PoE ports according to IEEE 802.3bt (60 W)
with securing collar / with PoE	14
number of electrical connections	
• for SFP	3
interfaces / for communication / plug-in	
number of electrical connections	
• for SFP	1; SFPs with 1000 Mbit/s, 100 Mbit/s with SFP991-1(LD) A possible
• for SFP+	2; SFPs with 1000 Mbit/s or 10,000 Mbit/s possible; 100 Mbit/s with SFP991-1(LD) A possible
interfaces / other	
number of electrical connections	
<ul> <li>for operator console</li> </ul>	1
for signaling contact	1
type of electrical connection	
<ul> <li>for operator console</li> </ul>	RJ11
<ul> <li>for signaling contact</li> </ul>	2-pole terminal block
for power supply	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
signal inputs/outputs	
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
supplied active power / of PSE / with PoE	
	150 W

type of voltage / 1 / of the supply voltage	DC
<ul><li>supply voltage / 1 / rated value</li></ul>	24 V
<ul><li>power loss [W] / 1 / rated value</li></ul>	28 W
<ul><li>supply voltage / 1 / rated value</li></ul>	19.2 31.2 V
<ul><li>consumed current / 1 / maximum</li></ul>	7.8 A
<ul> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes
<ul> <li>fuse protection type / 1 / at input for supply voltage</li> </ul>	15 A / 125 V
ambient conditions	
ambient temperature	
during operation	-40 +60 °C
during storage	-40 +85 °C
during transport	-40 +85 °C
• note	installation position and SFPs used during the operation have to be considered
	(see manual)
relative humidity	
<ul> <li>at 25 °C / without condensation / during operation /</li> </ul>	95 %
maximum	IDOS
protection class IP	IP20
design, dimensions and weights	
design	compact
width	180 mm
height	147 mm
depth	125 mm
net weight	1.56 kg
product feature / conformal coating	No
material / of the enclosure	Polycarbonate (PC-GF10) / pressure die cast aluminum
fastening method	
<ul> <li>35 mm top hat DIN rail mounting</li> </ul>	Yes
wall mounting	No
<ul> <li>S7-300 rail mounting</li> </ul>	Yes
S7-1500 rail mounting	Yes
product features, product functions, product components / gen	neral
cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s	50
cascading in cases of star topology	any (depending only on signal propagation time)
product function / QoS according to DSCP	Yes
product feature	
·	
Cut Through switching method	No
Cut Through switching method     Store & Forward switching method	No Yes
Store & Forward switching method	No Yes
Store & Forward switching method product functions / management, configuration, engineering	
• Store & Forward switching method product functions / management, configuration, engineering product function	Yes
Store & Forward switching method  product functions / management, configuration, engineering  product function      CLI	Yes
Store & Forward switching method     product functions / management, configuration, engineering     product function	Yes Yes Yes
Store & Forward switching method  product functions / management, configuration, engineering  product function     CLI     web-based management     MIB support	Yes Yes Yes Yes Yes
Store & Forward switching method  product functions / management, configuration, engineering  product function     CLI     web-based management     MIB support     TRAPs via email	Yes Yes Yes Yes Yes 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	Yes Yes Yes Yes Yes Yes Yes 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	Yes Yes Yes Yes Yes Yes Yes Yes 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	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	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	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	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	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  PROFINET conformity class	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  PROFINET conformity class  network load class / according to PROFINET	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  PROFINET conformity class  network load class / according to PROFINET  product function / switch-managed	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  PROFINET conformity class  network load class / according to PROFINET  product function / switch-managed  telegram length / for Ethernet / maximum	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  PROFINET conformity class  network load class / according to PROFINET  product function / switch-managed	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  PROFINET conformity class  network load class / according to PROFINET  product function / switch-managed  telegram length / for Ethernet / maximum	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  PROFINET conformity class  network load class / according to PROFINET  product function / switch-managed  telegram length / for Ethernet / maximum  protocol / is supported	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  PROFINET conformity class network load class / according to PROFINET product function / switch-managed telegram length / for Ethernet / maximum  protocol / is supported  Telnet	Yes

• BOOTP	No
• GMRP	Yes
• DCP	Yes
• LLDP	Yes
<ul><li>EtherNet/IP</li></ul>	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
<ul> <li>IGMP (snooping/querier)</li> </ul>	Yes
identification & maintenance function	
<ul> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
<ul> <li>I&amp;M1 - higher level designation/location designation</li> </ul>	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 function	
VLAN - port based	Yes
·	
VLAN - protocol-based  VLAN - ID-based	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 link)	257
protocol / is supported / GVRP	Yes
product functions / DHCP	
product function	
DHCP server	Yes
DHCP client	Yes
DHCP Option 82	Yes
<ul> <li>DHCP Option 66</li> </ul>	Yes
DHCP Option 67	Yes
product functions / redundancy	
product function	
<ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</li> </ul>	Yes
• ring redundancy	Yes
High Speed Redundancy Protocol (HRP)	Yes
high speed redundancy protocol (HRP) with redundancy	Yes
manager  ● high speed redundancy protocol (HRP) with standby	Yes
redundancy  protocol / is supported / Media Redundancy Protocol (MRP)	Yes
	1 53
product function     media redundancy protocol (MRP) with redundancy	Yes
manager	Voo
Media Redundancy Protocol Interconnection (MRP-I)      of the RROFINET IO device / is supported / II Supp	Yes
<ul> <li>of the PROFINET IO device / is supported / H-Sync forwarding</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
Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	No
• passive listening	Yes
protocol / is supported	

• LACP	Yes
product functions / security	100
product function	
•	Yes
<ul><li>IEEE 802.1x (radius)</li><li>broadcast/multicast/unicast limiter</li></ul>	Yes
	Yes
broadcast blocking  protocol / is supported.	165
protocol / is supported	Von
• SSH	Yes
• SSL	Yes
product functions / time	
product function	
SICLOCK support	Yes
• NTP-client	Yes
SNTP client	Yes
protocol / is supported	
• NTP	Yes
• SNTP	Yes
IEEE 1588 profile default	Yes
system modification during operation	
product function / configuration in RUN via CiR/H-CiR	Yes
standards, specifications, approvals	
standard	
• for emitted interference	EN 61000-6-4:2001 (Class A)
• for interference immunity	EN 61000-6-2:2001
IT security for industrial automation systems / according to IEC	Yes
62443-4-2:2019	
MTBF	24.6 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
product conformity / according to EMC-guideline	2014/30/EU
standard	
<ul> <li>for EMC interference emission</li> </ul>	EN 61000-6-4, EN 50121-15
<ul> <li>for immunity to EMC</li> </ul>	EN 61000-6-2, EN 50121-4
certificate of suitability / RoHS conformity	Yes; 2011/65/EU
certificate of suitability / RoHS conformity standards, specifications, approvals / hazardous environments	Yes; 2011/65/EU
standards, specifications, approvals / hazardous environments	Yes; 2011/65/EU
	Yes; 2011/65/EU  Yes
standards, specifications, approvals / hazardous environments certificate of suitability  • ATEX	
standards, specifications, approvals / hazardous environments certificate of suitability  • ATEX  • for ATEX / as marking	Yes II 3 G Ex ec IIC T4 Gc
standards, specifications, approvals / hazardous environments certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx	Yes
standards, specifications, approvals / hazardous environments certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as	Yes II 3 G Ex ec IIC T4 Gc Yes
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc
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standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4  • Regulatory Compliance Mark (RCM)	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4  • Regulatory Compliance Mark (RCM)  • for UL 61010-2-201 / as File Nr.	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes Yes E85972 (NRAQ, NRAQ7)
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4  • Regulatory Compliance Mark (RCM)  • for UL 61010-2-201 / as File Nr.  • EAC approval	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4  • Regulatory Compliance Mark (RCM)  • for UL 61010-2-201 / as File Nr.  • EAC approval  standards, specifications, approvals / marine classification	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes Yes E85972 (NRAQ, NRAQ7)
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4  • Regulatory Compliance Mark (RCM)  • for UL 61010-2-201 / as File Nr.  • EAC approval  standards, specifications, approvals / marine classification  Marine classification association	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes Yes E85972 (NRAQ, NRAQ7)
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4  • Regulatory Compliance Mark (RCM)  • for UL 61010-2-201 / as File Nr.  • EAC approval  standards, specifications, approvals / marine classification	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes Yes E85972 (NRAQ, NRAQ7)
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX  • for ATEX / as marking  • IECEx  • for IECEx / as marking  • CCC / for hazardous zone according to GB standard  • CCC / for hazardous zone according to GB standard / as marking  • for cULus HazLoc / as marking  • for FM / as marking  standards, specifications, approvals / other  certificate of suitability  • KC approval  • railway application in accordance with EN 50121-4  • Regulatory Compliance Mark (RCM)  • for UL 61010-2-201 / as File Nr.  • EAC approval  standards, specifications, approvals / marine classification  Marine classification association	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes Yes E85972 (NRAQ, NRAQ7) Yes
standards, specifications, approvals / hazardous environments  certificate of suitability  • ATEX • for ATEX / as marking • IECEx • for IECEx / as marking • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking • for cULus HazLoc / as marking • for FM / as marking  standards, specifications, approvals / other  certificate of suitability • KC approval • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 61010-2-201 / as File Nr. • EAC approval  standards, specifications, approvals / marine classification  Marine classification association • American Bureau of Shipping Europe Ltd. (ABS)	Yes II 3 G Ex ec IIC T4 Gc Yes Ex ec IIC T4 Gc Yes Ex nA IIC T4 Gc CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C  Yes Yes Yes E85972 (NRAQ, NRAQ7) Yes  Yes

• Lloyds Register of Shipping (LRS) Yes • Polski Rejestr Statkow (PRS) Yes • Royal Institution of Naval Architects (RINA) Yes standards, specifications, approvals / Environmental Product Declaration **Environmental Product Declaration** Yes • Global Warming Potential [CO2 eq] / total 942.3 kg • Global Warming Potential [CO2 eq] / during 63.42 kg manufacturing • Global Warming Potential [CO2 eq] / during operation 878.11 kg • global warming potential [CO2 eq] / after end of life 0.76 kg product extension / optional / C-PLUG Yes 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 https://support.industry.siemens.com • to website: Industry Online Support security information Siemens provides products and solutions with industrial security 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-ofthe-art industrial security 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 security measures that may be implemented, please visit https://www.siemens.com/industrialsecurity. 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 Security RSS Feed under https://www.siemens.com/cert. (V4.6) Approvals / Certificates For use in hazardous locations **Declaration of Conformity** ATEX-Zone 2-Declara-<u>FM</u> CCC-Ex tion

CE



Marine / Shipping





IECEx









other

PROFINET-Certification

last modified: 10/27/2023 🖸

