SIEMENS

Data sheet



SCALANCE XC216 manageable Layer 2 IE switch; IEC 62443-4-2 certified; 16X 10/100 Mbit/s RJ45 ports; 1x console port, diagnostics LED; redundant power supply; temperature range -40 °C to +70 °C; assembly: DIN rail/S7 mounting rail/wall Office redundancy functions features (RSTP, VLAN,...); PROFINET IO device; Ethernet/IP-compliant; C-plug slot;

product type designation	SCALANCE XC216	
transfer rate		
transfer rate	10 Mbit/s, 100 Mbit/s	
interfaces / for communication / maximum configuration for modular devices		
number of electrical ports / maximum	16	
interfaces / for communication / integrated		
number of electrical connections		
 for network components or terminal equipment 	16; RJ45	
number of 10/100 Mbit/s RJ45 ports / integrated		
with securing collar	16	
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	
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	
type of voltage / 1 / of the supply voltage	DC	
supply voltage / 1 / rated value	24 V	
power loss [W] / 1 / rated value	6.6 W	
 consumed current / 1 / at rated supply voltage / maximum 	0.275 A	
 supply voltage / 1 / rated value 	9.6 31.2 V	
consumed current / 1 / maximum	0.55 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
during transport	-40 +85 °C
relative humidity	
at 25 °C / without condensation / during operation /	95 %
maximum protection class IP	IP20
design, dimensions and weights	IF20
design	compact
width	120 mm
height	147 mm
depth	125 mm
net weight	0.8 kg
material / of the enclosure	Polycarbonate (PC-GF10) / pressure die cast aluminum
fastening method	V
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 / ger	
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
 Store & Forward switching method 	Yes
product functions / management, configuration, engineering	
product function	
• 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
PROFINET conformity class	В
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	1632 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	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	
I&M0 - device-specific information	Yes
I&M1 - higher level designation/location designation	Yes
product function	
• is supported / identification link	Yes; according to IEC 61406-1:2022
- 13 Supported / Identineation link	1 55, 40001 diling to 1EO 0 1700-1.2022

product function	product functions / diagnostics	
Port diagnostics		
statistics packet type	•	Yes
* statistics packet type		
Systag Systag Yes Systag VLAN - protosorbased VLA		Yes
product function VLAN protoschesed Ves Ves VLAN protoschesed Ves VLAN protoschesed VLAN	• • • • • • • • • • • • • • • • • • • •	Yes
product function • VLAN - protect based • VLAN - Probased • Ves	 SysLog 	Yes
VLAN - protocol-based No	product functions / VLAN	
VLAN - protocol-based No		
VLAN - IProbased No number of VLANs - Pytameric maximum 267 number of VLANs - Synamic / maximum 267 number of VLANs / a tring redundancy (HRP; MRP; standby link) probood / is supported / GVRP Product functions / DHCP Product functions BHCP Server BHCP Option 62 BHCP Option 62 BHCP Option 67 BHCP Option 67 BHCP Option 67 BHCP Option 68 BHCP Option 69 BHCP Optio	·	Yes
- VLAN - IP-based No	 VLAN - protocol-based 	No
number of VLANs - dynamic / maximum 257 number of VLANs / at into redundancy (HRP; standby list) protocol / is supported / GVRP Yes protocot functions / DHCP product functions / DHCP product function	•	No
number of VLANs / at ring redundancy (HRP, MRP, standby link) protocol / is supported / CVRP product functions / OHCP o HCP Center Yes o HCP Option 82 Yes o HCP Option 82 Yes o HCP Option 87 Yes o HCP Option 88 Yes o HCP Option 89 Y		257
Inisky protocod / is supported / GVRP product functions / DHCP product functions / DHCP product function	number of VLANs - dynamic / maximum	257
product functions / DHCP product function		257
product function	protocol / is supported / GVRP	Yes
DHCP server DHCP Option 82 DHCP Option 86 DHCP Option 66 DHCP Option 67 Product functions of the PROFINET IO device / is supported / PROFINET system redundancy redundancy protocol (HRP) injer seped redundancy protocol (HRP) with redundancy redundancy deut function whigh speed redundancy protocol (HRP) with redundancy redundancy redundancy protocol (HRP) with standby redundancy redundancy protocol (HRP) with standby result function media redundancy protocol (HRP) with redundancy redundancy redundancy protocol (HRP) with redundancy redundancy protocol (HRP) redundancy redundancy protocol (HRP) redundancy redund	product functions / DHCP	
DHCP Option 82 DHCP Option 82 DHCP Option 82 DHCP Option 67 Yes DHCP Option 67 Yes DHCP Option 67 Yes Product functions / redundancy Product function of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy Protocol (HRP) ing speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy is supported / Media Redundancy Protocol (MRP) Trational is supported / Media Redundancy Protocol (MRP) In the profit of Media Redundancy Protocol (MRP) In the profit of the redundancy protocol (MRP) In the profit of Media Redundancy Protocol (MRP) In the profit of Media Redundancy Protocol (MRP-I) In the profit of Media Redundancy Protocol (MRP-I) In the profit of Media Redundancy Protocol (MRP-I) In the profit of MRP of MRP-II In the definition of MRP-II In the	product function	
DHCP Option 82 DHCP Option 66 PGROPOption 67 Pes Product functions / redundancy product functions / redundancy product functions / redundancy of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy Protocol (HRP) injs speed redundancy protocol (HRP) with redundancy manager injsh speed redundancy protocol (HRP) with standby redundancy redundancy protocol / is supported / Media Redundancy Protocol (MRP) redundancy protocol (MRP) with redundancy manager Media Redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol (MRP) with redundancy redundancy protocol (MRP) Product function Media Redundancy Protocol (MRP) with redundancy result in the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure RSTP Redundancy procedure RSTP Redundancy procedure RSTP Redundancy procedure RSTP Parallel Redundancy Protocol (PRP)/Speration in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) Dassive listening Protocol / is supported LACP Product functions / security Product functions / security Protocol / is supported SSH SSL Yes Product functions / time	DHCP server	Yes
OHCP Option 66 Yes DHCP Option 67 Yes Product function of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy Protocol (HRP) inglish speed redundancy protocol (HRP) with redundancy manager inglish speed redundancy protocol (HRP) with standby redundancy inglish speed redundancy protocol (HRP) with standby redundancy inglish speed redundancy protocol (HRP) with standby redundancy inglish speed redundancy protocol (MRP) inglish speed redundancy protocol (MRP) with redundancy manager inglish speed redundancy protocol (MRP) with redundancy manager inglish speed redundancy protocol (MRP) with redundancy inglish speed redundancy protocol (MRP) with redundancy inglish speed redundancy protocol (MRP) with redundancy inglish speed redundancy i	DHCP client	Yes
DHCP Option 67 Product function of the PROFINET IO device / is supported / PROFINET system redundancy in gredundancy in gredundancy ing speed redundancy Protocol (HRP) high speed redundancy protocol (HRP) with standby redundancy ing speed redundancy protocol (HRP) with standby redundancy ing speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) redundancy redundancy of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP redundancy procedure RSTP redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening protocol / is supported LACP yes product function IEEE 802 tx (radius) Yes product functions / security product functions / security protocol / is supported - SSH SSL yes product functions / time product functio	DHCP Option 82	Yes
product functions / redundancy product function of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Media Redundancy protocol (MRP) yes manager Media Redundancy protocol (MRP) of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP 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 product function Kes Product function	DHCP Option 66	Yes
product function of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy yes ing speed redundancy protocol (HRP) with redundancy manager ing speed redundancy protocol (HRP) with redundancy manager ing speed redundancy protocol (HRP) with standby yes redundancy yes redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Media Redundancy protocol (MRP) with redundancy yes with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) yes of the PROFINET IO device / is supported / H-Sync forwarding yes deviated in the protocol yes supported / H-Sync forwarding yes deviated in the protocol yes supported yes redundancy procedure STP yes redundancy procedure RSTP yes redundancy procedure MSTP yes redundancy procedure MSTP yes Parallel Redundancy Protocol (PRP)/Gedundant Network Access (RNA) passive listening yes protocol (PRP)/Redundant Network Access (RNA) passive listening yes product functions yes product functions yes curity product functions yes curity product functions / security product functions yes	DHCP Option 67	Yes
of the PROFINET IO device / is supported / PROFINET system redundancy - iring redundancy - Yes - iring redundancy - Yes - iring redundancy protocol (HRP) - Yes - iring redundancy protocol (HRP) with redundancy - Yes manager - high speed redundancy protocol (HRP) with standby redundancy - iring red	product functions / redundancy	
system redundancy ing redundancy ing redundancy high Speed Redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager 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 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 Ves product functions ves protocol / is supported SSH SSH SSH Yes Product functions Yes product functions / time product functions / time product functions / time redundancy / yes product functions / time product functions / time	product function	
High Speed Redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) 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 redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure RSTP Parallel Redundancy Protocol (PRP)/operation in the PRP-retwork Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening roduct function IEEE 802.1x (radius) broadcast/multicast/unicast limiter SSH SSH SSL Pes Product functions / time redundancy / time redundancy / time roduct functions / time		Yes
high speed redundancy protocol (HRP) with redundancy redundancy e high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) 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 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 product function IEEE 802.1x (radius)	ring redundancy	Yes
manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function • media redundancy protocol (MRP) with redundancy manager • Media Redundancy Protocol interconnection (MRP-I) • of the PROFINET IO device / is supported / H-Sync forwarding • redundancy procedure STP • redundancy procedure RSTP • 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 product function • IEEE 802.1x (radius) • IEEE 802.1x (radius) • broadcast blocking protocol / is supported • SSH • broadcast blocking protocol / is supported • SSH • SSL yes product functions / security product functions / separate Yes • SSL yes product functions / time	 High Speed Redundancy Protocol (HRP) 	Yes
redundancy protocol / is supported / Media Redundancy Protocol (MRP) 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 • redundancy procedure STP • redundancy procedure RSTP • 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 product functions / security product function • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • SSH • SSL yes product functions / time product functions / time product functions / time product functions / time	manager	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 • 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 protocol / is supported • LACP * Yes • broadcast/multicast/unicast limiter • EEE 802.1x (radius) • EEE 802.1x (radius) • EEE 802.1x (radius) • SSH • SSH • SSL * Yes product functions / time product functions / time product functions / time * Yes * SSL * Yes * SSL * Yes * SSL * Yes * Product functions / time * Test supported • SSH • Yes * Yes * Yes * SSL * Yes * STL * Test supported • SSL * Yes * STL * Test supported • SSH • Yes * Yes * SSL * Yes * SSL	redundancy	Yes
media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) Yes of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP redundancy procedure RSTP redundancy procedure RSTP redundancy procedure MSTP redundancy procedure MSTP redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening rotocol / is supported		Yes
manager • Media Redundancy Protocol Interconnection (MRP-I) • of the PROFINET IO device / is supported / H-Sync forwarding • 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 protocol / is supported • LACP • Yes product functions / security redundancy Protocol (PRP)/Redundant Network Access (RNA) • product functions / security product functions / security product functions / security product functions / supported • SSH • SSL • SSL • Yes product functions / time product functions / time	•	
of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP	manager	
forwarding • redundancy procedure STP • 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 protocol / is supported • LACP • LACP • LEE 802.1x (radius) • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast blocking protocol / is supported • SSH • SSL • SSL • SSL • Yes product functions / time product functions / time product functions / time		
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 product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / security Yes product function / separate limiter Yes broadcast blocking protocol / is supported SSH SSL Yes product functions / time product functions / time	forwarding	
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 reduct functions / security product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter SSH SSL Yes product functions / time	• •	
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 product functions / security product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / time product functions / time product functions / time	* *	
Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening Yes protocol / is supported LACP Product functions / security product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / time product functions / time product functions / time product functions / time	* *	
PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening Protocol / is supported LACP Product functions / security product function IEEE 802.1x (radius) Proadcast/multicast/unicast limiter Protocol / is supported SSH SSL Product function Yes Yes Product function Yes Protocol / is supported Yes Protocol / is supported Yes Product functions / Yes Product functions / Yes Product functions / Yes Product functions / Yes	* *	
Access (RNA) • passive listening protocol / is supported • LACP Yes product functions / security product function • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast blocking protocol / is supported • SSH • SSL Product functions / time product functions	PRP-network	
protocol / is supported LACP Product functions / security product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking Protocol / is supported SSH SSL Product functions / time product functions	Access (RNA)	
● LACP Yes product functions / security product function ● IEEE 802.1x (radius) Yes ● broadcast/multicast/unicast limiter Yes ● broadcast blocking Yes protocol / is supported ● SSH Yes ● SSL Yes product functions / time product function	· · · · · · · · · · · · · · · · · · ·	160
product functions / security product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / time product function		Yes
product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes Product functions / time product function		
IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Product functions / time product function Yes Yes Yes Yes	-	
broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / time product function Product function Product function Yes Yes Yes Product functions / time	•	Yes
broadcast blocking protocol / is supported SSH SSL Yes product functions / time product function 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	·	
• SSL Yes product functions / time product function		Yes
product functions / time product function		
SICLOCK support Yes	product function	
	SICLOCK support	Yes

NTP-client	Yes	
SNTP client	Yes	
protocol / is supported		
• NTP	Yes	
• SNTP	Yes	
system modification during operation		
product function / configuration in RUN via CiR/H-CiR	Yes	
standards, specifications, approvals		
standard		
• for FM	FM19US0167X	
IT security for industrial automation systems / according to IEC	Yes	
62443-4-2:2019		
MTBF	48 a	
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	
product conformity / according to EMC-guideline	2014/30/EU	
standard	EN 04000 0 4 EN 50404 4	
• for EMC interference emission	EN 61000-6-4, EN 50121-4	
• for immunity to EMC	EN 61000-6-2, EN 50121-4	
certificate of suitability / RoHS conformity	Yes; 2011/65/EU	
standards, specifications, approvals / hazardous environments		
certificate of suitability		
• ATEX	Yes; EN 60079-0, EN 60079-15	
• for ATEX / as marking	II 3 G Ex nA II T4 Gc	
• for ATEX / as certificate	KEMA 07ATEX0145 X	
• IECEx	Yes; IEC 60079-0, IEC 60079-15	
• for IECEx / as marking	Ex nA II T4 Gc	
• for IECEx / as certificate	IECEX DEK 14.0025X	
CCC / for hazardous zone according to GB standard	Yes; GB3836.1, GB3836.8	
 CCC / for hazardous zone according to GB standard / as marking 	Ex nA IIC T4 Gc	
for cULus HazLoc / as marking	CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4	
• for cULus HazLoc / as File Nr.	E240480 (NWHP, NWHP7)	
FM registration	Yes; FM class 3600:2011, FM class 3611:2004, FM class 3810:2005,	
(FM /	ANSI/ISA-61010-1:2004	
• for FM / as marking	CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C	
• for FM / as certificate	FM16US0205X	
standards, specifications, approvals / other		
certificate of suitability • railway application in accordance with EN 50121-4	Yes	
Regulatory Compliance Mark (RCM)	Yes	
Regulatory Compilance Mark (RCM) for UL 61010-2-201 / as File Nr.	E85972 (NRAQ, NRAQ7)	
• for UL 60950-1 / as File Nr.	E115352 (NWGQ, NWGQ7)	
EAC approval	Yes	
standards, specifications, approvals / marine classification		
Marine classification association		
American Bureau of Shipping Europe Ltd. (ABS)	Yes	
French marine classification society (BV)	Yes	
• DNV GL	Yes	
Korean Register of Shipping (KRS)	Yes	
Lloyds Register of Shipping (LRS)	Yes	
Nippon Kaiji Kyokai (NK)	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 	441.1 kg	

• Global Warming Potential [CO2 eq] / during manufacturing

• Global Warming Potential [CO2 eq] / during operation

• global warming potential [CO2 eq] / after end of life

47.67 kg

392.82 kg 0.57 kg

eenriee

product extension / optional / C-PLUG

Yes

further information / internet links

internet link

• to web page: selection aid TIA Selection Tool

• to website: Industrial communication

• to website: Industry Mall

• to website: Information and Download Center

• to website: Selection guide for cables and connectors

• to website: Image database

• to website: CAx-Download-Manager

• to website: Industry Online Support

http://www.siemens.com/tia-selection-tool

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

https://mall.industry.siemens.com

http://www.siemens.com/industry/infocenter

https://sie.ag/2QdlxcP

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

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, 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 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 com/industrial security. Sigments' products and solutions

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

General Product Approval

EMC

For use in hazardous locations

Manufacturer Declaration





ATEX-Zone 2-Declaration



For use in hazardous locations

Declaration of Conformity

CCC-Ex





Manufacturer Declaration



Miscellaneous

<u>FM</u>

Marine / Shipping







NK / Nippon Kaiji Kyokai





Marine / Shipping



PROFINET-Certifica-

other



Environment

last modified: 11/9/2023 🖸