6GK5208-0GA00-2AC2





SCALANCE XC208G manageable Layer 2 IE switch; IEC 62443-4-2 certified; 8x 10/100/1000 Mbps; RJ45 ports; 1x console port; diagnostics LED; redundant power supply; 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; IEEE 1588v2 PTP

product type designation	SCALANCE XC208G
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
interfaces / for communication / maximum configuration for mod	dular devices
number of electrical ports / maximum	8
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 / integrated	
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
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	4.3 W
 consumed current / 1 / at rated supply voltage / maximum 	0.26 A
supply voltage / 1 / rated value	9.6 31.2 V
consumed current / 1 / maximum	0.36 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

a during storage	40 105 °C
during storage during transport	-40 +85 °C
during transport	-40 +85 °C
relative humidity • at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	11 20
	compact
design	compact
width	60 mm 147 mm
height	
depth	125 mm
net weight	0.52 kg
material / of the enclosure	Polycarbonate (PC-GF10) / pressure die cast aluminum
fastening method	Voc
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 / gen	
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
network load class / according to PROFINET	3
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	10240 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	
1&M0 - device-specific information	Yes
I&M1 - higher level designation/location designation	Yes
product function	
product function	

product functions / claignostics product function prof displacetise * statistics packet Size * statistics packet Size * systage * rorror statistics * Systage * roror statistics * Systage * roror statistics * Systage * roror statistics * Systage * Pee * product functions / VLAN product functions * VLAN - port based * VLAN - Po	• is supported / identification link	Yes
product function • port disposables • statistics Packet Size • statist		
* ortor diagnostics * clasticisc packet type * extra statistics * clasticisc packet type * extra statistics * * Syst.09 * Yes * * Syst.09 * Yes * Syst.09 * Yes * Syst.00 * VIAN - port based		
attailation Packet Size attailation packet type attai	·	Yes
* statistics packet type * error statistics * Post of Section (Packet Section		
error statistics Yes Systog Sy		
Porduct functions VLAN - port based VLAN - protocol-based VLAN -	* **	
product functions / VLAN protocol-based		
product function VLAN - prot based VLAN - protocol-based No VLAN - protocol-based No VLAN - protocol-based No VLAN - phased VLAN - phased VLAN - phased VLAN - phased No No VLAN - phased No No No No No No No No No N	, ,	
VLAN - protocos-based VLAN - protocos-based VLAN - protocos-based No number of VLANs / maximum 257 number of VLANs / draing redundancy (HRP; MRP; standby link) protocol / is supported / GVRP product function • DHCP server • DHCP Cellent • DHCP Glon 82 • DHCP Option 82 • DHCP Option 85 • DHCP Option 87 Product functions • of the PROFINET IC device / is supported / PROFINET system redundancy ing redundancy ing redundancy ing redundancy ing redundancy or protocol (HRP) with redundancy ing redundancy or protocol (HRP) with standby redundancy in link specified for the deliance of th		
VLAN - protocol-based No number of VLANs - ymanium 257 number of	·	Voc
- VLAN - IP-based - No - number of VLANs / atting redundancy (HRP; MRP; standby ink) - protocol / is supported / GVRP - yes - product functions / DHCP - product functions / Product function / Prod		
number of VLANs - / maximum		
number of VLANs - dynamic / maximum united of VLANs / at fing redundancy (HRP; MRP; standby protocol / is supported / GVRP product functions / DHCP product functions / DHCP product functions / DHCP product functions / PHCP product functions / PHCP product functions / PHCP DHCP option 82 DHCP Option 82 DHCP Option 85 DHCP Option 87 product functions / redundancy product functions / redundancy product functions / redundancy product functions / redundancy ing redundancy / PHCP ing redun		
number of VLANs / at ring redundancy (HRP, MRP, standby link) protocol / is supported / GVRP product functions / DHGP product function • DHCP server • DHCP option 62 • DHCP Option 62 • DHCP Option 65 • DHCP Option 67 • DHCP Option 67 • DHCP Option 69 • On the PROFINET IO device / is supported / PROFINET system redundancy • Inja speed redundancy protocol (HRP) •		
ink) product functions / DHCP server	·	
product function OPHCP gient OPHCP Option 82 OPHCP Option 82 OPHCP Option 86 OPHCP Option 67 Product function of the PROFINET IO device / is supported / PROFINET system redundancy product function / in gredundancy Protocol (HRP) ing redundancy or ing redundancy Protocol (HRP) with redundancy Yes ing his peed redundancy protocol (HRP) with redundancy Yes ing his peed redundancy protocol (HRP) with redundancy Yes ing his peed redundancy Protocol (HRP) with redundancy Yes manager ing redundancy protocol (HRP) with standby Yes redundancy or ing supported / Media Redundancy Protocol (MRP) Yes product function Media Redundancy protocol (MRP) with redundancy Yes manager Media Redundancy Protocol (MRP) With redundancy Yes manager Media Redundancy Protocol (MRP) Yes redundancy procedure STP Ferdundancy procedure STP Ferdundancy procedure RSTP Ferdundancy Protocol (PRP) PRedundant Network Access (RNA) Ferdundancy Protocol (PRP) PRedundant Network Ferdundancy Protocol (PRP) P		231
product function OHCP server OHCP Option 82 OHCP Option 82 OHCP Option 87	protocol / is supported / GVRP	Yes
DHCP client DHCP Option 82 DHCP Option 83 DHCP Option 66 DHCP Option 67 Product functions / redundancy Product functions of the PROFINET IO device / is supported / PROFINET system redundancy ring redundancy ring redundancy ring redundancy rotocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) wes Media Redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol (MRP) with redundancy manager Media Redundancy Protocol (MRP) Media Redundancy Protocol (MRP) redundancy procedure STP Fedundancy procedure RSTP redundancy procedure RSTP redundancy procedure RSTP Peredundancy Protocol (PRP)/Redundant Network Access (RNA) Passive listening Protocol / is supported LACP Pereduct functions / security Product functions / supported SSH SSH Pereduct functions / time	product functions / DHCP	
DHCP Option 82 DHCP Option 63 DHCP Option 67 Yes DHCP Option 67 Yes Product function of the PROFINET IO device / is supported / PROFINET system redundancy ring redundancy if ring redundancy High Speed Redundancy Protocol (HRP) High Speed redundancy protocol (HRP) with redundancy high speed redundancy protocol (HRP) with redundancy high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (MRP) with 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) of 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)Operation in the PRP-network Protocol / is supported LACP Yes Product functions / security product functions EEEE 802.1x (radius) Yes Product functions / security Yes SSH Yes SSL Yes Product functions / 15 supported	product function	
DHCP Option 82 DHCP Option 66 PHCP Option 66 PHCP Option 67 Product functions / redundancy product functions / redundancy of the PROFINET IO device / is supported / PROFINET system redundancy in great endurancy High Speed Redundancy Protocol (HRP) with redundancy high speed redundancy protocol (HRP) with redundancy high speed redundancy protocol (HRP) with standby redundancy redundancy protocol / is supported / Media Redundancy Protocol (MRP) of the PROFINET IO device / is supported / H-Sync forwarding redundancy procodure RSTP redundancy procedure RSTP redundancy Protocol (PRP)/Redundant Network redundancy Protocol (PRP)/Redundant Network redundancy Protocol (PRP)/Redundant Network redundancy Procedure MsTP redundancy Protocol (PRP)/Redundant Network redundancy Procedure MsTP redundancy Protocol (PRP)/Redundant Network redundancy Procedure MsTP redundancy Pr	DHCP server	Yes
DHCP Option 66 DHCP Option 67 Product functions / redundancy product function of the PROFINET IO device / is supported / PROFINET system redundancy ring redundancy ring redundancy protocol (HRP) High Speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy manager high speed redundancy protocol (HRP) with standby redundancy in the speed redundancy protocol (HRP) with standby redundancy in the speed redundancy protocol (HRP) with 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-I) Yes redundancy procedure STP redundancy procedure STP redundancy procedure STP redundancy procedure RSTP redundancy procedure MSTP redundancy procedure RSTP redundancy protocol (PRP)/Geperation in the PRP-network redundancy procedure RSTP redundancy	DHCP client	Yes
Product functions / redundancy product function of the PROFINET IO device / is supported / PROFINET system redundancy ing redundancy ing redundancy high Speed 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) 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 RSTP redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening protocol / is supported LACP reduct function IEEE 802.1x (radius) reduct function IEEE 802.1x (radius) reduct function Ves product function IEEE 802.1x (radius) reduct function Ves Pranger reduct function Ves Product function Ves Product function / Security product function IEEE 802.1x (radius) reduct function / Security product function / Ves SSH SSH Yes Poduct functions / Security protocol / is supported SSH SSH Yes Poduct functions / Security Product function / Ves Pranger Pranger Product function / Ves Pranger Pranger Product function / Ves Pranger Prang	DHCP Option 82	Yes
product function of the PROFINET IO device / is supported / PROFINET system redundancy of the PROFINET IO device / is supported / PROFINET system redundancy of thigh Speed 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 of media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol (MRP) with redundancy manager Media Redundancy Protocol (MRP) with redundancy manager of the RPOFINET IO device / is supported / H-Sync forwarding 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 product function IEEE 802.1x (radius) res Protocol / is supported SSH SSH Yes SSL Product functions / time	DHCP Option 66	Yes
product function • of the PROFINET IO device / is supported / PROFINET system redundancy • ring redundancy • ring 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 Interconnection (MRP-1) • 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 • LACP • LACP • Ses • broadcast functions • IEEE 802.1s (radius) • broadcast functions • Yes • product function • IEEE 802.1s (radius) • broadcast blocking protocol / is supported • SSH • SSH • SSL • yes product functions / time	DHCP Option 67	Yes
of the PROFINET IO device / is supported / PROFINET system 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 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 (MRP-II) of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP redundancy procedure RSTP Parallel Redundancy Protocol (PRP)/operation in the PRP-retwork Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening protocol / is supported LACP Yes product functions / security product functions / security product functions / security protocol / is supported SSH	product functions / redundancy	
system redundancy ing redundancy ing redundancy High Speed 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) with redundancy manager * Media Redundancy Protocol Interconnection (MRP-I) * of 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)/operation in the PRP-network * Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) * passive listening protocol / is supported * LACP * LACP * product functions / security product functions / security product functions / security protocol / is supported * SSH * SSL * Yes product functions / time	product function	
In ing redundancy Ingh Speed Redundancy Protocol (HRP) Ingh Speed redundancy protocol (HRP) with redundancy manager Ingh Speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function Indicate redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) Indicate redundancy Protocol Interc		Yes
High Speed Redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with tedundancy redundancy high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function nedia redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding 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 redundancy procedure Product functions / security product function I EEE 802.1x (radius) broadcast/multicast/unicast limiter Pressure / Yes Product functions / Security Product functions / Security Product functions / Security Product functions / Session / Yes Product functions / Security Product functions / Security Product functions / Security Product functions / Security Product functions / Session / Yes		
high speed redundancy protocol (HRP) with standby redundancy nigh 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 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 RSTP redundancy procedure MSTP reallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening rotocol / is supported		
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 fonwarding • 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 product functions / security product functions • in EEE 802.1x (radius) • broadcast/multicast/unicast limiter • SSH • SSH • SSL • Yes product functions / time		
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 functions • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • SSH • SSL • Yes product functions / time	manager	
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 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 blocking protocol / is supported • SSH • SSL product functions / time		Yes
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 redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening rodocol / is supported	protocol / is supported / Media Redundancy Protocol (MRP)	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 Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening respectively product functions / security product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter respectively protocol / is supported SSH SSL Product functions / separate SSH SSL Product functions / separate Product functions / separate Product functions / separate Protocol / is supported SSH SSL Product functions / separate Product functions / separate Product functions / separate Protocol / is supported SSH Product functions / separate Product functions / time	·	
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 Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) redundancy Protocol (PRP)/Redundant Network Acces	manager	
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 product functions / security product function • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast blocking protocol / is supported • SSH • SSL product functions / time		
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 Yes product functions / security product function IEEE 802.1x (radius)	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 rotocol / 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	* *	
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 roduct functions / security product function IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL Yes product functions / yes product functions / yes protocol / is supported SSH SSL Yes product functions / time	• •	
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) protocol / is supported broadcast/multicast/unicast limiter broadcast blocking Protocol / is supported SSH SSL 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) Product functions / yes Protocol / is supported Syes Product functions / time		
Access (RNA) • passive listening 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	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		No
▶ LACP product functions / security product function	passive listening	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	protocol / is supported	
product function • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast blocking protocol / is supported • SSH • SSL Product functions / time	• LACP	Yes
IEEE 802.1x (radius) broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL product functions / time Yes Yes Yes Yes	product functions / security	
broadcast/multicast/unicast limiter broadcast blocking protocol / is supported SSH SSL product functions / time Yes Yes Yes Yes	product function	
broadcast blocking protocol / is supported SSH SSL Product functions / time Yes Yes Yes	• IEEE 802.1x (radius)	Yes
protocol / is supported • SSH • SSL Product functions / time Yes Yes	 broadcast/multicast/unicast limiter 	Yes
SSH SSL Yes product functions / time Yes Yes	broadcast blocking	Yes
SSL Yes product functions / time	protocol / is supported	
product functions / time	• SSH	Yes
	• SSL	Yes
product function	product functions / time	
	product function	

NTP-client Yes PORDOCAL Is supported NTP	0101 0.014	
SATE client	**	Yes
protocol / is supported NTP NTP NTP NTP NTP NTP NTP NT		
* NTP * SITE * S		Yes
SNTP IEEE 1588 profile default System modification during operation product function / configuration in RUN via CIRH-CIR Festindards, specifications, approvals IT security for industrial automation systems / according to IEC 2443-42-2019 MTBF Telerence code according to IEC 81346-2 according to		
e-IEEE 1588 profile default yestem modification during operation product function Configuration in RUN via CIRA1-CIR standards, specifications, approvals IT security for industrial automation systems / according to IEC 62443-42-2019 MTBF IT security for industrial automation systems / according to IEC 62443-42-2019 MTBF Industrial systems / according to IEC 81346-2 • according to IEC 813		Yes
system modification during operation product function fooring operation in RUN via CIRH-CIR IT security for industrial automation systems / according to IEC Setandards, specifications, approvals IT security for industrial automation systems / according to IEC Setandards, specifications, approvals / CE exertificate of subability (DE 81346-22919 KFE Standards, specifications, approvals / CE certificate of subability / CE marking for for CEAC interference emission for immunity to EMC certificate of subability / CE marking for immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity Test immunity to EMC certificate of subability / RoHS conformity to the rohe c	• SNTP	Yes
product function / configuration in RUN via CIRNH-CIR Standards, specifications, approvate Traccurity for industrial automation systems / according to IEC 6244-62-2019 MTRF S4 a reference code	IEEE 1588 profile default	Yes
IT security for industrial automation systems / according to IEC Yes	system modification during operation	
IT security for industrial automation systems / according to IEC 26443-4-2019 MTBF reference code	product function / configuration in RUN via CiR/H-CiR	Yes
### SEA a coording to IEC 81346-2 ### Coording to IEC 81346-2 ### Coording to IEC 81346-2 ### Coording to IEC 81346-2:019 ### Standards, specifications, approvals / GE ### Coording to IEC 81346-2:019 ### Coording to IEC 81	standards, specifications, approvals	
reference code		Yes
reference code a cocording to IEC 81346-2 a cocording to IEC 81346-2 (See Secretary 19 (See Secretar		
according to IEC 81346-2 KF according to IEC 81346-22019 standards, specifications, approvals / CE certificate of suitability / CE marking		54 a
* according to IEC 81346-2:2019 * standards, specifications, approvals / CE certificate of subability / CE marking product conformity / according to EMC-guideline standard * for EMC interference emission		
standards, specifications, approvals / CE certificate of suitability / CE marking / Yes product conformity / according to EMC-guideline / 2014/30/EU standard • for EMC interference emission	-	
certificate of suitability / CE marking product conformity / according to EMC-guideline standard • for EMC interference emission • for immunity to EMC certificate of suitability / EMS conformity * Yes; 2011/65/EU * Standards, specifications, approvals / hazardous onvironments certificate of suitability • ATEX • for ATEX / as marking • for ATEX / as marking • for IECEX as certificate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • for CULus Hazl.oc / as File Nr. • FM registration • for FM / as certificate • for FM / as cert		KFE
product conformity / according to EMC-guideline standard • for EMC interference emission • for immunity to EMC certificate of suitability / RoHS conformity tentificate of suitability / RoHS conformity • ATEX ATEX • For ATEX / as marking • for ATEX / as marking • for IECEX / as emitinate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking • for cULus Hazuco / as File Nr. • FM registration • for FM / as certificate • for FM / as papirability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for full . 60960-1 / as File Nr. • for full . 60960-1 / as File Nr. • EAC approval **Standards, spocifications, approvals / marine classification **Marine classifications spocify (CCS) • Ves • Chinese Classifications, approvals / marine classification **Marine classifications, approvals / marine classification **A mericana Bureau of Shipping Europe Ltd. (ABS) • Chinese Classifications, approvals / marine classification **A mericana Bureau of Shipping (RS) • Chinese Classifications, approvals / marine classification **A mericana Bureau of Shipping (RS) • Chicana Register of Shipping (FRS) • Polsik Rejestr Stattow (PRS) • Polsik Rejestr Stattow, (PRS) • Polsik Rejest	standards, specifications, approvals / CE	
standard • for EMC interference emission • for immunity to EMC certificate of suitability / RoHS conformity Standards, specifications, approvals / hazardous environments certificate of suitability • ATEX • for ATEX / as marking • for ATEX / as certificate • IECEx • for IECEx / as marking • for IECEx / as certificate • CCC / for hazardous zone according to GB standard / CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standard / Sex nal IT 4 Gc • CCC / for hazardous zone according to GB standar		Yes
• for EMC interference emission • for immunity to EMC EN 61000-6-2, EN 50121-4 EN 61000-6-2, EN 50121-4 Yes; 2011/85/EU standards, spacifications, approvals / hazardous environments certificate of suitability • ATEX • ATEX • ATEX / as marking • for ATEX / as marking • for ATEX / as certificate • for IECEx / as certificate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking • for cULus HazLoc / as File Nr. • FM registration • for cULus HazLoc / as File Nr. • FM registration • for FM / as certificate • for FM / as certificate • for FM / as marking • for cULus HazLoc / as File Nr. • FM registration • for FM / as marking • for fCULus HazLoc / as File Nr. • FM registration • for FM / as marking • for fFM / as particate • for FM / as particate • for FM / as particate standards, specifications, approvals / other certificate of suitability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 60050-1 / as File Nr. • EAC approval standards, specifications, approvals / marine classification Marine classification ascordation • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • PoN V GL • Korean Register of Shipping (KRS) • Poloki Register of Shipping (KRS) • Ves • Royal Institution of Naval Architects (RINA) **Emission of Naval Architects (RINA) **Environmental Product Declaration Environmental Product Declaration	product conformity / according to EMC-guideline	2014/30/EU
Find infimunity to EMC certificate of suitability / Roi-IS conformity Standards, specifications, approvals / hazardous environments certificate of suitability ATEX contact of suitability ATEX contact of suitability ATEX contact of suitability call of suitability contact of suitability contac	standard	
certificate of suitability / RoHS conformity standards, specifications, approvals / hazardous environments certificate of suitability • ATEX • for ATEX / as marking • for ATEX / as marking • for ATEX / as certificate • IECEX • for IECEX Yes, IEC 60079-0, IEC 60079-15 • IECEX Yes, IEC 60079-0, IEC 60079-15 • IECEX Yes, IEC 60079-0, IEC 60079-15 • EX nA II TA GC • for IECEX / as marking • for IECEX / as certificate • CCC / for hazardous zone according to GB standard / as marking • for cULus HazLoc / as marking • for cULus HazLoc / as marking • for cULus HazLoc / as File Nr. • FM registration • for FM / as marking • for FM	• for EMC interference emission	EN 61000-6-4, EN 50121-4
certificate of suitability • ATEX • for ATEX / as marking • for ATEX / as certificate • for IECEX • for IECEX / as certificate • for IECEX / as certificate • for IECEX / as certificate • CCC / for hazardous zone according to GB standard / as marking • for cULus HazLoc / as marking • for cULus HazLoc / as File Nr. • FM registration • for CULus HazLoc / as File Nr. • FM registration • for FM / as marking • for FM / as marking • for FM / as certificate **cate of IECEX / as File Nr. • FM registration • for FM / as marking • for FM / as marking • for CULus HazLoc / as File Nr. • FM registration • for FM / as marking • for FM / as certificate **cate of Suitability • (alway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 60950-1 / as File Nr. • for	• for immunity to EMC	EN 61000-6-2, EN 50121-4
certificate of suitability ATEX ATEX For ATEX / as marking for ATEX / as certificate For IECEX For IECEX For IECEX / as marking For IECEX / as certificate CCC / for hazardous zone according to GB standard / as marking For CULus HazLoc / as marking For CULus HazLoc / as File Nr. For Mr egistration For IECEX / as File Nr. For Mr as marking For FM / as paperovals / other Certificate of suitability Fallousous as for a file Nr. For III (as 3000,2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-6101-1:2004 CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C FM16US0205X Standards, specifications, approvals / other Certificate of suitability Fallousous Agreement of Silpone Mark (RCM) For UL 60950-1 / as File Nr. For UL 6095	certificate of suitability / RoHS conformity	Yes; 2011/65/EU
• ATEX • (or ATEX / as marking • (or ATEX / as marking) • (or ATEX / as certificate • (ECEX • (or ATEX / as certificate • (ECEX • (or IECEX / as certificate • (CCC / for hazardous zone according to GB standard • (CCC / for hazardous zone according to GB standard / as marking • (or ctULus HazLoc / as marking • (or ctULus HazLoc / as File Nr. • FM registration • (or FM / as marking • (or FM / as marking) • (or FM / as marking • (or FM / as marking) • (or FM / as marki	standards, specifications, approvals / hazardous environments	
• for ATEX / as marking • for ATEX / as certificate • for ATEX / as certificate • for ATEX / as certificate • for IECEx / as marking • for IECEx / as marking • for IECEx / as certificate • for IECEx / as certificate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking • for cULus HazLoc / as marking • for cULus HazLoc / as File Nr. • For cULus HazLoc / as File Nr. • For FM / as marking • for FM / as certificate • CL1, DIV2, Group A.B.C.D T4, CL1, Zone 2, Group IIC, T4 • For FM / as certificate • FM / Bull Standards, specifications, approvals / other certificate of suitability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 60950-1 / as File Nr. • EAC approval Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • DNV GL • Norean Register of Shipping (LRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) Environmental Product Declaration Environmental Product Declaration Environmental Product Declaration Finvironmental Product Declaration Finvironmental Product Declaration Ves: CC 60079-0, IEC 60079-0, IEC 60079-15 Exan All T4 Gc KEMA 07ATEXADA SC 60079-0, IEC 60079-15 Exan All T4 Gc KEMA 07ATEX 200079-0, IEC 60079-15 Exan All T4 Gc KEMA 07ATEX 200079-0, IEC 60079-15 Exan All T4 Gc KEMA 07ATEX 200079-0, IEC 60079-15 Exan All T4 Gc IEC xA II T4 Ca IEC xA II T4 Gc IEC xA II T4 Ca IEC xA II T4 Gc IEC xA II	certificate of suitability	
• for ATEX / as certificate • IECEX • IECEX • for IECEX / as marking • for IECEX / as certificate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking • for cULus Hazt.oc / as marking • for cULus Hazt.oc / as File Nr. • FM registration • for FM / as marking • for FM / as folioticate • for FM / as	• ATEX	Yes; EN 60079-0, EN 60079-15
• IECEX / as marking	• for ATEX / as marking	II 3 G Ex nA II T4 Gc
• for IECEx / as marking • for IECEx / as certificate • for IECEx / as certificate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / SEX NA IIC T4 GC • CCC / for hazardous zone according to GB standard / SEX NA IIC T4 GC • for cULus HazLoc / as marking • for cULus HazLoc / as File Nr. • FM registration • FM registration • for FM / as marking • for FM / as partificate • for FM / as partificate • for FM / as partificate • for FM / as partificate • for UL 61010-2:2014 • Regulatory Compliance Mark (RCM) • for UL 61010-2:201 / as File Nr. • for UL 60950-1 / as File Nr. • FM capsorval • for UL 60950-1 / as File Nr. • FM capsifications, approvals / marine classification Marine classification, association • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • PNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) Exhandards, specifications, approvals / Environmental Product Declaration Finvironmental Product Declaration Pyes	for ATEX / as certificate	KEMA 07ATEX0145 X
• for IECEx / as marking • for IECEx / as certificate • for IECEx / as certificate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / Yes • for cULus HazLoc / as marking • for cULus HazLoc / as File Nr. • FM registration • for FM / as marking • for FM / as provals / other • for FM / as provals / other certificate of suitability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 61010-2-201 / as File Nr. • FM CUL 60950-1 / as File Nr. • FAC approval standards, specifications, approvals / marine classification Marine classification, approvals / marine classification Marine classification sasociation • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • Polski Rejestr Statkow (PRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) Fenvironmental Product Declaration Yes Ex nA II T4 Gc IECEx DEK 14.0025X Yes Ex nA II T4 Gc IECEx DEK 14.0025X Ex nA II T4 Gc IECEx DEK 14.0025X Ex nA II T4 Gc IECEx DEK 14.0025X Ex nA II T4 Gc Ex nA II T4 Ch E	• IECEx	Yes; IEC 60079-0, IEC 60079-15
• for IECEx / as certificate • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking • for cULus HazLoc / as marking • for cULus HazLoc / as File Nr. • FM registration • for FM / as marking • for FM / as perificate • FM16US0205X **Exp. M class 3600.2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 • for FM / as perificate • FM16US0205X **Exp. M class 3600.2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 • for FM / as perificate • FM16US0205X **Exp. M class 3600.2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 • FM16US0205X **Exp. M class 3600.2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 • FM16US0205X **Exp. M class 3600.2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 • FM16US0205X **Exp. M class 3600.2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 • FM16US0205X **Exp. M class 3600.2011, FM class 3611:2004, F	• 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 CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 for cULus HazLoc / as File Nr. FM registration FM registration FM / as marking For FM / as marking For FM / as marking For FM / as certificate FM16US0205X Standards, specifications, approvals / other Certificate of suitability For IUL 61010-2-201 / as File Nr. FM class 3601.2014, FM class 3611:2004, FM class 3810:2005, ANSUISA-61010-1:2004 FM / as certificate of suitability For Iul Ago application in accordance with EN 50121-4 Regulatory Compliance Mark (RCM) For UL 61010-2-201 / as File Nr. FM / as E8972 (NRAQ, NRAQ7) FM / as E8972 (NRAQ, NRAQ7) FM / as E8972 (NRAQ, NWGQ7) FM / as E8972 (NRAQ, NRAQ7) FM	-	IECEx DEK 14.0025X
CCC / for hazardous zone according to GB standard / as marking for cULus HazLoc / as marking for cULus HazLoc / as File Nr. FM registration for FM / as marking for FM / as marking for FM / as marking for FM / as certificate for FM / as certificate for FM / as certificate certificate of suitability railway application in accordance with EN 50121-4 Regulatory Compliance Mark (RCM) for UL 60950-17 / as File Nr. EAS972 (NRAQ, NRAQ7) FAC approval standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) American Bureau of Shipping (LRS) Korean Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) EXAMBRE 240480 (NWHP, NWHP7) CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C FM16US0205X CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C FM16US0205X Standards, specifications, approvals / other Certificate of suitability railway application in accordance with EN 50121-4 Yes E85972 (NRAQ, NRAQ7) E115352 (NWGQ, NWGQ7) Yes Standards, specifications, approvals / marine classification Are recompleted to the standards of the standard	 CCC / for hazardous zone according to GB standard 	Yes
e for cULus HazLoc / as marking e for cULus HazLoc / as File Nr. e for cULus HazLoc / as File Nr. e FM registration • for FM / as marking e for FM / as certificate • for UL 61010-2-201 / as File Nr. • for UL 61010-2-201 / as File Nr. • FM FM CAC approval • for UL 60950-1 / as File Nr. • EAC approval • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • DNV CL • Korean Register of Shipping (KRS) • Royal Institution of Naval Architects (RINA) • For UL follotion Sapprovals / Environmental Product Declaration Environmental Product Declaration Person August Accordance of CL1, DIV2, Group A,B.C, D T4, CL1, Zone 2, Group IIC, T4 **E240480 (NWHP, NWHP7) **Yes; FM class 3600:2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 **CL1, DIV2, Group A,B.C, D T4, CL1, Zone 2, Group IIC, T4 **CL1, Zone 2, Group	-	Ex nA IIC T4 Gc
for cULus HazLoc / as File Nr. FM registration Yes; FM class 3800:2011, FM class 3811:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 for FM / as marking for FM / as certificate FM16US0205X standards, specifications, approvals / other certificate of suitability railway application in accordance with EN 50121-4 Regulatory Compliance Mark (RCM) for UL 61010-2-201 / as File Nr. for UL 60950-1 / as File Nr. FAC approval standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) E240480 (NWHP, NWHP7) Yes; FM class 3800:2011, FM class 3811:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004, ANSI/ISA-61010-1:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004, FM class 3810:2004, FM class 3810:2004, FM class 3810:2004, ANSI/ISA-61010-1:2004, FM class 3810:2004, ANSI/ISA-61010-1:2004, FM class 3810:2004, FM class 3810:2004		
FM registration Yes; FM class 3600:2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004 • for FM / as marking • for FM / as certificate FM16US0205X Standards, specifications, approvals / other Certificate of suitability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 61010-2-201 / as File Nr. • for UL 60950-1 / as File Nr. • E85972 (NRAQ, NRAQ7) • for UL 60950-1 / as File Nr. • E115352 (NWGQ, NWGQ7) Yes Standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (KRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) FNI Class 3600:2011, FM class 3611:2004, FM class 3611:2004, FM class 3610:2004, FM clas	• for cULus HazLoc / as marking	CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4
* for FM / as marking * for FM / as certificate * for FM / as certificate * for FM / as certificate **standards, specifications, approvals / other* certificate of suitability **erailway application in accordance with EN 50121-4 **erailway appl	• for cULus HazLoc / as File Nr.	E240480 (NWHP, NWHP7)
• for FM / as certificate standards, specifications, approvals / other certificate of suitability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 61010-2-201 / as File Nr. • for UL 60950-1 / as File Nr. • EAC approval standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) Environmental Product Declaration Yes	FM registration	
certificate of suitability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 61010-2-201 / as File Nr. • for UL 60950-1 / as File Nr. • EAC approval standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) Environmental Product Declaration Environmental Product Declaration Yes	• for FM / as marking	CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C
certificate of suitability • railway application in accordance with EN 50121-4 • Regulatory Compliance Mark (RCM) • for UL 61010-2-201 / as File Nr. • for UL 60950-1 / as File Nr. • E85972 (NRAQ, NRAQ7) • for UL 60950-1 / as File Nr. E115352 (NWGQ, NWGQ7) • EAC approval **Standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) Environmental Product Declaration Yes	• for FM / as certificate	FM16US0205X
railway application in accordance with EN 50121-4 Regulatory Compliance Mark (RCM) for UL 61010-2-201 / as File Nr. for UL 60950-1 / as File Nr. E85972 (NRAQ, NRAQ7) EAC approval Yes standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Environmental Product Declaration Yes Yes Yes Yes	standards, specifications, approvals / other	
railway application in accordance with EN 50121-4 Regulatory Compliance Mark (RCM) for UL 61010-2-201 / as File Nr. for UL 60950-1 / as File Nr. E85972 (NRAQ, NRAQ7) EAC approval Yes standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Environmental Product Declaration Yes Yes Yes Yes	certificate of suitability	
Regulatory Compliance Mark (RCM) for UL 61010-2-201 / as File Nr. for UL 60950-1 / as File Nr. EAC approval EAC approval Marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) ENvironmental Product Declaration Yes Ess972 (NRAQ, NRAQ7) Esses (Suspensed Suspensed	•	Yes
for UL 61010-2-201 / as File Nr. for UL 60950-1 / as File Nr. EAC approval Standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes	,	
EAC approval Standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • Chinese Classification Society (CCS) Yes • DNV GL Yes • Korean Register of Shipping (KRS) 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		
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
 American Bureau of Shipping Europe Ltd. (ABS) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes 		
Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		Yes
DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
Royal Institution of Naval Architects (RINA) Yes standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
standards, specifications, approvals / Environmental Product Declaration Environmental Product Declaration Yes		
Environmental Product Declaration Yes		
	Environmental Product Declaration	Yes
01.1 11W 1 D 1 #1.15000 1/4.11		
	 Global Warming Potential [CO2 eq] / total 	153.7 kg
Global Warming Potential [CO2 eq] / during 28.4 kg	 Global Warming Potential [CO2 eq] / during 	28.4 kg

manufacturing

• Global Warming Potential [CO2 eg] / during operation

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

125.2 kg 0.02 kg

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: 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

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-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

General Product Approval

EMC

For use in hazardous locations



Miscellaneous



ATEX-Zone 2-Declaration



IECEx

For use in hazardous locations

Declaration of Conformity

Marine / Shipping

CCC-Ex





Miscellaneous





<u>FM</u>

Marine / Shipping









PROFINET-Certification

other



Environment

Environment

Environmental Confirmations

last modified:

9/29/2023



