SIEMENS

Data sheet

6GK5524-8GR00-2AR2

SCALANCE XR524-8C; managed IE switch; Layer 3 integrated; Power supply 24 V DC; 24x 10/100/1000 Mbit/s RJ45; 8x 100/1000 Mbit/s SFP; contains 8 combo ports; in in total 24 ports can be used; error signaling contact; Select/set button; PROFINET IO Device; redundancy functions; Office features (RSTP, VLAN, IGMP, ...); C-plug in scope of delivery



product type designation	SCALANCE XR524-8C
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
 for network components or terminal equipment 	24; RJ45
number of 100 Mbit/s ST(BFOC) ports	
for multimode	0
number of electrical connections	
for SFP	8
number of combo ports / with RJ45 interface for optical plug-in transceiver	8
interfaces / for communication / plug-in	
number of electrical connections	
• for SFP	8
interfaces / other	
number of electrical connections	
 for operator console 	1
 for management purposes 	1
 for signaling contact 	1
 for power supply 	1
type of electrical connection	
 for operator console 	RJ11
 for management purposes 	RJ45
 for signaling contact 	2-pole terminal block
 for power supply 	4-pole terminal block
design of the removable storage	
• C-PLUG/KEY-PLUG	Yes
product feature / hot-swappable interface modules	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 supply / redundant power supply unit	No

type of voltage / 1 / of the supply voltage	DC
supply voltage / 1 / rated value	24 V
power loss [W] / 1 / rated value	24 W
 supply voltage / 1 / rated value 	19.2 28.8 V
 consumed current / 1 / maximum 	1 A
 type of electrical connection / 1 / for power supply 	4-pole terminal block
 product component / 1 / fusing at power supply input 	Yes
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 / maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	19" rack
number of modular height units / relating to 19-inch	1
cabinet	
width	449 mm
height	44 mm
depth	305 mm
net weight	3.8 kg
fastening method	
19-inch installation	Yes
 35 mm top hat DIN rail mounting 	No
wall mounting	No
S7-300 rail mounting	No
• S7-1500 rail mounting	No
type of cable outlet	Cable outlet at front
product features, product functions, product components	/ general
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineeri	ng
product function	
• CLI	Yes
 web-based management 	Yes
MIB support	Yes
TRAPs via email	Yes
 configuration with STEP 7 	Yes
• RMON	Yes
• 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	9216 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
	Mar.
• TFTP	Yes
• TFTP • FTP	Yes
• FTP	Yes
FTPBOOTP	Yes Yes
• FTP • BOOTP • GMRP	Yes Yes Yes

	N.
• 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 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 	Yes
• VLAN - IP-based	Yes
VLAN dynamic	Yes
number of VLANs / maximum	255
number of VLANs - dynamic / maximum	255
protocol / is supported / GVRP	Yes
product functions / DHCP	
product function	
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
product functions / routing	
product functions / routing service / routing / note	IP routing integrated
service / routing / note	IP routing integrated
service / routing / note product function	IP routing integrated
service / routing / note product function • static IP routing	Yes
service / routing / note product function • static IP routing • static IP routing IPv6	Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing	Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing • dynamic IP routing IPv6	Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing • dynamic IP routing IPv6 protocol / is supported	Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing • dynamic IP routing IPv6	Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing • dynamic IP routing IPv6 protocol / is supported • RIPv2	Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6	Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6	Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP	Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6	Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy	Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy product function	Yes Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy • ring redundancy	Yes Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy product function • ring redundancy • High Speed Redundancy Protocol (HRP) • high speed redundancy protocol (HRP) with	Yes Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy product function • ring redundancy • High Speed Redundancy Protocol (HRP) • high speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby	Yes Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy product function • ring 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	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy product function • ring 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)	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy product function • ring 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	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
service / routing / note product function • static IP routing • static IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP for IPv6 product functions / redundancy product function • ring 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) protocol / is supported / Media Redundancy Protocol (MRP)	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes

redundancy procedure KST P* redundancy procedure KST		
	redundancy procedure RSTP	Yes
• easive listening Yes protocol // is supported • LACP Yes product functions / security product functions / security Product functions / security product functions / security Yes • ACL - MAC-based Yes • ACL - MAC-based Yes • Yes • broadcast/multicast/unicast limiter Yes • broadcast/multicast/unicast limiter Yes • broadcast/multicast/unicast limiter Yes • product functions / time Yes product functions / time Yes • Standard Yes product functions , approvals standard Yes • Standard • for safety / from CSA and UL available scon • for interference EN 61000-6-4 (Class A) • for interference immunity EN 61000-6-2 Yes standards. specifications, approvals / Dezerdous environments certificate of suibability / CE marking Yes Yes Yes standards. specifications, approvals / Dezerdous environments Yes Yes certificate of suibability CEC / for hazardous sone according to GB standard Yes standards. specifications. approvals / oth		Yes
protocol / is supported Yes product functions / security product function • ACC - NAC-based Yes • CAC - ANC-based Yes • broadcast blocking Yes • broadcast blocking Yes protocol / is supported • SSH Yes protocol / is supported • SSH Yes protocol / is supported • NTP Yes standard • for safety / from CSA and UL * for safety / from CSA and	 redundancy procedure MSTP 	Yes
• LACP Yes product function • ACL - MAC-based Yes • ACL - NAC-based Yes • ACL - bort/MAC-based Yes • breadcastmuticastumicast limiter Yes • breadcastmuticastumicast limiter Yes • breadcastmuticastumicast limiter Yes protocol / is supported Yes product functions / time Yes protocol / is supported Yes protocol / is supported Yes of constently from CSA and UL available soon • for safety / from CSA and UL available soon • for or mitted interference EN 61000-6-2 (Class A) • for interference immunity EN 61000-6-2 (Slass A) standards, specifications, approvals / CE certificate of suitability certificate of suitability Yes certificate of suitability EN 61000-6-2, EN 61000-6-4 • CC / for hazardous zone according to GB standard Yes standards, specifications, approvals / Attactus environments certificate of suitability certificate of suitability EN 61000-6-4, Clas N 61000-6-4 • CCC / for haz	passive listening	Yes
product functions / socurity product function • ACL - NAC-based Yes • ACL - port/MAC-based Yes • ECR ACL 1x (radius) Yes • braadcast blocking Yes • braadcast blocking Yes • braadcast blocking Yes product functions / time yes product function * • SICLOCK supported Yes • NTP Yes standard * • for safety / from CSA and UL available scon • for safety / from CSA and UL available scon • for safety / from CSA and UL available scon • for safety / from CSA and UL available scon • for safety / from CSA and UL available scon • for safety / from CSA and UL available scon • for safety / from CSA and UL available scon • for safety / from CSA and UL available scon • for instriference immunity EN 61000-6-2 certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous anvironments certificate of s	protocol / is supported	
product function Yes • ACL - MAC-based Yes • ACL - MAC-based Yes • EEE B02.1x (radius) Yes • tradactast/uniticast/unicast limiter Yes • broadcast blocking Yes • broadcast blocking Yes • protocol / is supported Yes • SSI- Yes protocol / is supported Yes • SICLCOK support Yes protocol / is supported Yes • SINTP Yes standards specifications, approvals standards specifications, approvals / Yes standards, specifications, approvals / CE Certificate of suitability / CE marking • for interference immunity EN 61000-6-2 standards, specifications, approvals / CE Certificate of suitability • CCC/ for hezardous zone according to GB standard Yes * Standards, specifications, approvals / Other Certificate of suitability • CCC / for hezardous zone according to GB standard Yes * Standards, specifications, approvals / Marine classification No stapproval	• LACP	Yes
AQL - MAC-based Yes AQL - portMAC-based Yes AQL - portMAC-based Yes EEE 202 /st (radius) Yes Evoadcastmulticastunicast limiter Yes broadcastmulticastunicast limiter Yes protocol /s supported SSH Yes product function SSH Yes product function SSH Yes protocol /s supported NTP Yes SICLOCK support Yes SICLOCK suppor	product functions / security	
ACL - port/MAC-based Yes iEEE 802.1x (radius) Yes ioradcast blocking Yes ioradcast blocking Yes ioradcast blocking Yes protocol / is supported • SSH Yes product functions / fine product functions / fine product functions, approvals Standards, specifications, approvals Standards, specifications, approvals / Yes standards, specifications, approvals / Yes standards, specifications, approvals / CE certificate of suitability • CCF of hazardous zone according to GB standard • Crack Yes standards, specifications, approvals / hazardous environments certificate of suitability • CFG / for hazardous zone according to GB standard • CFG / for hazardous cone a	product function	
• IEEE 802.1x (radius) Yes • iroadcast/multicast/unicast limiter Yes • iroadcast blocking Yes protocol //s supported Yes • SSH Yes product functions / time Yes product functions / time Yes protocol //s supported Yes • NTP Yes protocol //s supported Yes • NTP Yes • SICLOCK support Yes • for safety / from CSA and UL available soon • for safety / from CSA and UL available soon • for safety / from CSA and UL exolitoble soperifications, approvals / CE certificate of suitability / CE marking Yes standards, specifications, approvals / hzardrous environments certificate of suitability certificate of suitability CE marking Yes standards, specifications, approvals / hzardrous environments certificate of suitability certificate of suitability Yes standards, specifications, approvals / hzardrous environments certificate of suitability Yes standards, specifications, approvals / hzardrous environments certificate of suitability Yes standards, specifications, approvals / hzardrous environments certificate of suitability	 ACL - MAC-based 	Yes
	 ACL - port/MAC-based 	Yes
	• IEEE 802.1x (radius)	Yes
protocol / is supported Yes or SSH Yes product functions / time product functions / time or SICLOCK supported Yes of is supported / is supported Yes of is supported / is supported Yes of is supported / is supported Yes standards, specifications, approvals standards, specifications, approvals standards, specifications, approvals / CE EN 61000-6-2 (Class A) certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments EN 61000-6-2, EN 61000-6-4 certificate of suitability CE approval of or interference Fixed and yes ectrificate of suitability Yes standards, specifications, approvals / OE Yes standards, specifications, approvals / other Yes certificate of suitability Yes standards, specifications, approvals / marine classification Yes standards, specification association No et approval No of tapproval Yes et approval No of tapproval Yes of tapproval Yes of tapproval Yes of tapproval No of tapproval <t< td=""><td></td><td>Yes</td></t<>		Yes
protocol / is supported Yes or SSH Yes product functions / time product functions / time or SICLOCK supported Yes of is supported / is supported Yes of is supported / is supported Yes of is supported / is supported Yes standards, specifications, approvals standards, specifications, approvals standards, specifications, approvals / CE EN 61000-6-2 (Class A) certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments EN 61000-6-2, EN 61000-6-4 certificate of suitability CE approval of or interference Fixed and yes ectrificate of suitability Yes standards, specifications, approvals / OE Yes standards, specifications, approvals / other Yes certificate of suitability Yes standards, specifications, approvals / marine classification Yes standards, specification association No et approval No of tapproval Yes et approval No of tapproval Yes of tapproval Yes of tapproval Yes of tapproval No of tapproval <t< td=""><td> broadcast blocking </td><td>Yes</td></t<>	 broadcast blocking 	Yes
• SSH Yes product function • product function Yes protocol / is supported Yes • NTP Yes • SNTP Yes standards, specifications, approvals • standards, specifications, approvals • standards, specifications, approvals • standards, specifications, approvals / CE • certificate of suitability / CE marking Yes standards, specifications, approvals / CE • certificate of suitability / CE marking Yes standards, specifications, approvals / CE • certificate of suitability CE marking • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other • certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tack Yes standards, specifications, approvals / other certificate of suitability No • C-Tack Yes • KC approval Yes • Et approval No • Et approval No • French marine classification society (BV) Yes • French marine classification society (BV) Yes • French marine classification society (BV) <t< td=""><td></td><td></td></t<>		
product functions / time product function • SICLOCK support • NTP • NTP • SNTP • Sontal Supported • NTP • Sontal Supported • Standards • Sontal Supported • Cock / for hazardous zone according to GB standard • Cock / for hazardous zone according to GB standard • Cock / for hazardous zone according to GB standard • Cock / for hazardous zone according to GB standard • Cock / for hazardous zone according to GB standard • Cock / for hazar		Yes
product function Yes slCLOCK support Yes protocol / is supported Yes • NTP Yes standards, specifications, approvals Standards standards, specifications, approvals Standard • for safety / from CSA and UL available soon • for interference EN 61000-6-4 (Class A) • for interference immunity EN 61000-6-2 standards, specifications, approvals / CE certificate of suitability / CE marking ves Standards, specifications, approvals / hazardous environments certificate of suitability CE marking • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 certificate of suitability CE marking Yes standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 Ves certificate of suitability Ce marking Yes standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 Ves ectrificate of suitability Other Yes Standards standards, speci		
• SICLOCK support Yes protocol / is supported . • NTP Yes • SNTP Yes standards, specifications, approvals	-	
protocol / is supported Yes • NTP Yes • SNTP Yes standards, specifications, approvals standards • for safety / from CSA and UL available soon • for initerference EN 61000-6-4 (Class A) • for initerference immunity EN 61000-6-2 standards, specifications, approvals / CE reading certificate of suitability / CE marking Yes standards, specifications, approvals / hzardous environments reading certificate of suitability EN 61000-6-2, EN 61000-6-4 certificate of suitability Yes standards, specifications, approvals / hzardous environments certificate of suitability EN 61000-6-2, EN 61000-6-4 • CCC / for hzardous zone according to GB standard Yes standards, specifications, approvals / other reading certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • C-Tick Yes • C-Tick Yes • E1 approval No • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) No • Germanische Lloyd (GL) No • DNV GL Yes <	•	Vee
NTP Yes SNTP Yes SNTP Yes SNTP Yes Standard Standard for safety / from CSA and UL available soon for emitted interference EN 61000-6-2 (Class A) for interference immunity EN 61000-6-2 Standards, specifications, approvals / CE certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / hazardous environments certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability C.Tick Yes standards, specifications, approvals / marine classification No eE1 approval No standards, specification association American Bureau of Shipping Europe Ltd. (ABS) Yes French marine classification society (BV) Yes Korean Register of Shipping (KRS) Loyds Register of Shipping (KRS) Loyds Register of Shipping (KRS) Yes No Loyds Register of Shipping (KRS) Yes Royal Institution of Naval Architects (RINA) Yes Royal Institution of Naval Architects (RINA) Yes Royal Institution of Naval Architects (RINA) Yes		
 SNTP Yes standards, specifications, approvals standard for safety / from CSA and UL for emitted interference EN 61000-6-4 (Class A) for interference immunity EN 61000-6-2 standards, specifications, approvals / CE certificate of suitability / CE marking CCC / for hazardous zone according to GB standard Standards, specifications, approvals / hazardous environments certificate of suitability CCC / for hazardous zone according to GB standard standards, specifications, approvals / other certificate of suitability CCC / for hazardous zone according to GB standard Standards, specifications, approvals / other certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability CTCk Yes KC approval Yes Standards, specifications, approvals / marine classification No Standards, specifications osciety (BV) Yes Potent marine classification society (BV) Yes Det Norske Veritas (DNV) No Cermanische Lloyd (GL) No Cordia (CRS) Lloyds Register of Shipping (LRS) Yes Nippon Kaiji Kyokai (NK) Yes Potski Rejest Statkow (PRS) Yes Royal Institution of Naval Architects (RINA) Yes Royal Institution of Naval Architects (RINA) Yes Royal Institution of Naval		Vee
standard • for safety / from CSA and UL. available soon • for interference EN 61000-6-4 (Class A) • for interference immunity EN 61000-6-2 standards, specifications, approvals / CE certificate of suitability / CE marking • for interference EN 61000-6-2 standards, specifications, approvals / hazardous environments certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other EN 61000-6-2, EN 61000-8-4 • CTck Yes • Lapproval No • E1 approval No • E1 approval No • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV)		
standard for safety / from CSA and UL available soon for emitted interference EN 61000-6-4 (Class A) for interference immunity EN 61000-6-2 standards, specifications, approvals / CE certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments certificate of suitability CEC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability EN 61000-6-2, EN 61000-6-4 CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other Certificate of suitability certificate of suitability EN 61000-6-2, EN 61000-6-4 · C.Tick Yes · KC approval Yes · E1 approval No standards, specifications, approvals / marine classification Marine classification association - · American Bureau of Shipping Europe Ltd. (ABS) Yes · French marine classification society (BV) Yes · Det Norske Veritas (DNV) No · Germanische Lloyd (GL) No		Yes
• for safety / from CSA and UL available soon • for emitted interference EN 61000-6-4 (Class A) • for interference immunity EN 61000-6-2 standards, specifications, approvals / CE certificate of suitability / CE marking vertificate of suitability Yes standards, specifications, approvals / hazardous environments certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability certificate of suitability EN 61000-6-2, EN 61000-6-4 cTrick Yes standards, specifications, approvals / other certificate of suitability certificate of suitability EN 61000-6-2, EN 61000-6-4 cTrick Yes standards, specifications, approvals / marine classification No standards, specifications, approvals / marine classification No standards, specification association American Bureau of Shipping Europe Ltd. (ABS) e French marine classification society (BV) Yes Det Norske Veritas (DNV) No e Germanische Lloyd (GL) No DNV GL Yes	standards, specifications, approvals	
• for emitted interference EN 61000-6-4 (Class A) • for interference immunity EN 61000-6-2 standards, specifications, approvals / CE retrificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 certificate of suitability EN 61000-6-2, EN 61000-6-4 • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other Certificate of suitability certificate of suitability EN 61000-6-2, EN 61000-6-4 • C. Tick Yes • KC approval Yes • E1 approval No standards, specifications, approvals / marine classification No standards, specifications, approvals / marine classification No standards, specification association No • E1 approval No • End approvals / marine classification society (BV) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) No • Gorean Register of	standard	
• for interference immunity EN 61000-6-2 standards, specifications, approvals / CE	 for safety / from CSA and UL 	
standards, specifications, approvals / CE certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments certificate of suitability EXAMPLY Set	 for emitted interference 	EN 61000-6-4 (Class A)
certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • CC approval Yes • E1 approval No standards, specifications, approvals / marine classification Marine classification association No • E1 approval No standards, specification society (BV) Yes • French marine classification society (BV) Yes • End marine classification society (BV) No • Germanische Lloyd (GL) No • DNV GL Yes • Korean Register of Shipping (KRS) Yes • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Royal Institution of Naval Architects (RINA) Yes • Royal Institution of Naval Architects (RINA) Yes	 for interference immunity 	EN 61000-6-2
standards, specifications, approvals / hazardous environments certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval Yes • E1 approval No • E1 approval No standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification societly (BV) Yes • Det Norske Veritas (DNV) No • Germanische Lloyd (GL) No • DNV GL Yes • Korean Register of Shipping (KRS) Yes • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Royal Institution of Naval Architects (RINA) Yes • Royal Institution of Naval Architects (RINA) Yes • Internet-Link Internet-Link	standards, specifications, approvals / CE	
certificate of suitability • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval Yes • E1 approval No • E1 approval No standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) No • Germanische Lloyd (GL) No • DNV GL Yes • Korean Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Polski Rejeistr Statkow (PRS) Yes • Royal Institution of Naval Architects (RINA) Yes • Royal Institution of Naval Architects (RINA) Yes • Internet-Link Internet-Link	certificate of suitability / CE marking	Yes
• CCC / for hazardous zone according to GB standardYesstandards, specifications, approvals / otherEN 61000-6-2, EN 61000-6-4• C-TickYes• C-TickYes• KC approvalYes• E1 approvalNo• E1 approvalNo• E1 approvalNo• E1 approvalNostandards, specifications, approvals / marine classificationMarine classification association• American Bureau of Shipping Europe Ltd. (ABS)• French marine classification society (BV)• Det Norske Veritas (DNV)• Det Norske Veritas (DNV)• Corean Register of Shipping (KRS)• Eneansche Lloyd (GL)• Korean Register of Shipping (KRS)• Korean Register of Shipping (LRS)• Lloyds Register of Shipping (LRS)• Polski Rejestr Statkow (PRS)• Polski Rejestr Statkow (PRS)• Royal Institution of Naval Architects (RINA)further information / internet-Links	standards, specifications, approvals / hazardous environm	nents
• CCC / for hazardous zone according to GB standardYesstandards, specifications, approvals / otherEN 61000-6-2, EN 61000-6-4• C-TickYes• C-TickYes• KC approvalYes• E1 approvalNo• E1 approvalNo• E1 approvalNo• E1 approvalNo• En el assification associationYes• American Bureau of Shipping Europe Ltd. (ABS)Yes• French marine classification osciety (BV)Yes• Det Norske Veritas (DNV)No• Germanische Lloyd (GL)No• DNV GLYes• Lloyds 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• Internet-LinkInternet-Link	certificate of suitability	
standards, specifications, approvals / othercertificate of suitabilityEN 61000-6-2, EN 61000-6-4• C-TickYes• KC approvalYes• E1 approvalNo• E1 approvalNostandards, specifications, approvals / marine classificationMarine classification association• American Bureau of Shipping Europe Ltd. (ABS)• French marine classification society (BV)• Det Norske Veritas (DNV)• Det Norske Veritas (DNV)• Commanische Lloyd (GL)• DNV GL• Korean Register of Shipping (KRS)• Korean Register of Shipping (LRS)• Kippon Kaiji Kyokai (NK)• Polski Rejestr Statkow (PRS)• Polski Rejestr Statkow (PRS)• Royal Institution of Naval Architects (RINA)• Internet-Link	-	Yes
certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval Yes • E1 approval No • E1 approval No • E1 approval No • E1 approval No standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) No • Germanische Lloyd (GL) No • 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 further information / internet-Links Internet-Link		
• C-TickYes• KC approvalYes• E1 approvalNo• E1 approvalNo• E1 approvalNostandards, specifications, approvals / marine classificationMarine classification association• American Bureau of Shipping Europe Ltd. (ABS)Yes• Erench marine classification society (BV)Yes• Det Norske Veritas (DNV)No• Germanische Lloyd (GL)No• DNV GLYes• 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)Yesfurther information / internet-LinksInternet-Link		EN 61000-6-2 EN 61000-6-4
KC approvalYesE1 approvalNoE1 approvalNostandards, specifications, approvals / marine classificationstandards, specification associationstandards, specification associationAmerican Bureau of Shipping Europe Ltd. (ABS)Yesof Korean Bureau of Shipping Europe Ltd. (ABS)Yesof Korean Register of Shipping (KRS)YesONV GLYesNoONV GLYesNippon Kaiji Kyokai (NK)YesNippon Kaiji Kyokai (NK)YesOlski Rejestr Statkow (PRS)YesPolski Rejestr Statkow (PRS)YesInternet-Links	-	
E1 approvalNoE1 approvalNostandards, specifications, approvals / marine classificationMarine classification association• American Bureau of Shipping Europe Ltd. (ABS)Yes• French marine classification society (BV)Yes• Det Norske Veritas (DNV)No• Germanische Lloyd (GL)No• DNV GLYes• Korean Register of Shipping (KRS)Yes• Lloyds Register of Shipping (KRS)Yes• Nippon Kaiji Kyokai (NK)Yes• Polski Rejestr Statkow (PRS)Yes• Royal Institution of Naval Architects (RINA)Yesfurther information / internet-LinksInternet-Link		
• E1 approvalNostandards, specifications, approvals / marine classificationMarine classification association·• American Bureau of Shipping Europe Ltd. (ABS)Yes• French marine classification society (BV)Yes• Det Norske Veritas (DNV)No• Germanische Lloyd (GL)No• DNV GLYes• 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)Yesfurther information / internet-Links		
standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Yes French marine classification society (BV) Yes Det Norske Veritas (DNV) No Germanische Lloyd (GL) No DNV GL Yes Korean Register of Shipping (KRS) Yes Lloyds Register of Shipping (LRS) Yes Nippon Kaiji Kyokai (NK) Yes Royal Institution of Naval Architects (RINA) Yes Internet-Link		
Marine classification associationYes• American Bureau of Shipping Europe Ltd. (ABS)Yes• French marine classification society (BV)Yes• Det Norske Veritas (DNV)No• Germanische Lloyd (GL)No• DNV GLYes• 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)Yesfurther information / internet-LinksInternet-Link		
 American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) French marine classification society (BV) Det Norske Veritas (DNV) No Germanische Lloyd (GL) DNV GL Yes Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Ves Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Yes 		n
• French marine classification society (BV)Yes• Det Norske Veritas (DNV)No• Germanische Lloyd (GL)No• DNV GLYes• 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)Yesfurther information / internet-LinksInternet-Link		
• Det Norske Veritas (DNV)No• Germanische Lloyd (GL)No• DNV GLYes• 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)Yesfurther information / internet-LinksInternet-Link		
• Germanische Lloyd (GL)No• DNV GLYes• 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)Yesfurther information / internet-LinksInternet-LinkInternet-Link		
• DNV GLYes• 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)Yesfurther information / internet-LinksInternet-LinkInternet-Link		
• 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)Yesfurther information / internet-LinksInternet-Link	- · · ·	No
• Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Polski Rejestr Statkow (PRS) Yes • Royal Institution of Naval Architects (RINA) Yes further information / internet-Links Internet-Link	• DNV GL	Yes
Nippon Kaiji Kyokai (NK) Yes Polski Rejestr Statkow (PRS) Yes Royal Institution of Naval Architects (RINA) Yes further information / internet-Links Internet-Link	 Korean Register of Shipping (KRS) 	Yes
Polski Rejestr Statkow (PRS) Yes Royal Institution of Naval Architects (RINA) Yes further information / internet-Links Internet-Link	 Lloyds Register of Shipping (LRS) 	Yes
Royal Institution of Naval Architects (RINA) Yes further information / internet-Links Internet-Link	 Nippon Kaiji Kyokai (NK) 	Yes
further information / internet-Links Internet-Link	 Polski Rejestr Statkow (PRS) 	Yes
Internet-Link	 Royal Institution of Naval Architects (RINA) 	Yes
	further information / internet-Links	
• to web page: selection aid TIA Selection Tool <u>http://www.siemens.com/tia-selection-tool</u>	Internet-Link	
		http://www.siemens.com/tia-selection-tool
to website: Industrial communication <u>http://www.siemens.com/simatic-net</u>		
to website: Inducting communication to website: Inducting Mall <u>https://mall.industry.siemens.com</u>		
to website: Information and Download Center <u>http://www.siemens.com/industry/infocenter</u>	-	
to website: Image database to website: Image database		
to website: CAx-Download-Manager to website: CAx-Download-Manager	_	
	vio website. Si tribowinoad-manager	

• to website: Industry Online Support

security information

security information

https://support.industry.siemens.com

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

last modified:

7/1/2021 🖸