SIEMENS

Data sheet

6GK5526-8GR00-2AR2

SCALANCE XR526-8C; managed IE switch; Layer 3 integrated; Power supply 24 V DC; 24x 10/100/1000 Mbit/s RJ45; 8x 100/1000 Mbit/s SFP Combo; 2x 10 Gbit/S SFP+; in in total 26 ports can be used; error signaling contact; select/set pushbutton; PROFINET IO device; redundancy functions; office features (RSTP, VLAN, IGMP, ...); C-plug in scope of supply.



product type designation	SCALANCE XR526-8C
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s
interfaces / for communication / maximum configuration for mo	dular devices
number of electrical ports / maximum	24
number of optical ports / maximum	10
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 100 Mbit/s SC ports	
• for multimode	0
number of 1000 Mbit/s LC ports	
• for multimode	8
• for single mode (LD)	8
number of electrical connections	
• for SFP	8
• for SFP+	2
number of combo ports / with RJ45 interface for optical plug-in transceiver	8
interfaces / for communication / plug-in	
number of electrical connections	
• for SFP	10
• for SFP+	2
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	36 W
supply voltage / 1 / rated value	19.2 28.8 V
consumed current / 1 / maximum	1.5 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	3.15 A / 250 V
ambient conditions	
ambient temperature	
during operation	0 50 °C
during storage	-40 +85 °C
during transport	-40 +85 °C
relative humidity	
• at 25 °C / without condensation / during operation /	95 %
maximum	
protection class IP	IP20
design, dimensions and weights	
design	19" rack
number of modular height units / relating to 19-inch cabinet	1
width	449 mm
height	44 mm
depth	305 mm
net weight	4 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 / gene	eral
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
product function	
• CLI	Yes
- web based responses	
 web-based management 	Yes
MIB support	Yes Yes
-	
MIB support	Yes
MIB support TRAPs via email	Yes Yes
MIB supportTRAPs via emailconfiguration with STEP 7	Yes Yes Yes
 MIB support TRAPs via email configuration with STEP 7 RMON 	Yes Yes Yes Yes
 MIB support TRAPs via email configuration with STEP 7 RMON port mirroring 	Yes Yes Yes Yes Yes
 MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring 	Yes
 MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring Cos 	Yes Yes Yes Yes Yes Yes Yes Yes
 MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring CoS PROFINET IO diagnosis 	Yes
 MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring CoS PROFINET IO diagnosis PROFINET conformity class	Yes
MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring Cos PROFINET IO diagnosis PROFINET conformity class product function / switch-managed	Yes
MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring Cos PROFINET IO diagnosis PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum	Yes
MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring CoS PROFINET IO diagnosis PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported	Yes
MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring Cos PROFINET IO diagnosis PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported Telnet	Yes
MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring CoS PROFINET IO diagnosis PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported Telnet HTTP	Yes

COOTP	GMRP DCP LLDP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic	res
NODP	DCP LLDP SNMP v1 SNMP v2 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product function VEAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic	res
SNMP v1	LLDP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product functions VLAN - port based VLAN - IP-based VLAN dynamic VEAN - IP-based VLAN dynamic VEAN -	des
	SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic	res
SNMP v2 SNMP v3 SNMP	SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product function VE Product functions / VE	res
SIMIP vs. SIMIP (anopping querier) Jentification & maintenance function - (MA) - (Aprice level designation/castion designation Product functions / (dispositics) product functions / (dispositics) product functions / (dispositics) - (port dispositics) - (p	SNMP v3 IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product function VLAN - port based VLAN - IP-based VLAN dynamic Ye Product function / VEAN Ye VEAN - VEAN - VEAN - VEAN Ye VEAN -	res
Ves	IGMP (snooping/querier) identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product functions VLAN - port based VLAN - IP-based VLAN dynamic Yes Very Yes Yes Yes Yes Yes Yes Yes Ye	res
Identification & maintenance function • 18M0 - device-specific information • 18M1 - higher level designation/location designation • 18M1 - higher level designation/location designation • product functions / disprastics Product functions • port disprastics	identification & maintenance function • I&M0 - device-specific information • I&M1 - higher level designation/location designation product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product functions • VLAN - port based • VLAN - protocol-based • VLAN dynamic	res
Islând - chevince-specific information Yes	I&M0 - device-specific information I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic VEAN - VEAN - VEAN - VEAN - VEAN - VEAN - IP-based VLAN dynamic VEAN - VEAN - VEAN - VEAN - VEAN - VEAN - IP-based VLAN dynamic	r'es r'es r'es r'es r'es r'es r'es r'es
e-italAtt - higher level designation/location designation product functions / diagnostics product functions - port diagnostics - statistics Packet Size - statistics Packet type - error statistics - systog - yes - error statistics - systog - yes - product functions / VLAN - port based - VLAN - port based - VLAN - port based - VLAN - protocochased - VLAN - protocochased - VLAN - Product function - VLAN - protocochased - VLAN - (Pase) - VLAN -	I&M1 - higher level designation/location designation product functions / diagnostics product function port diagnostics statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic Yes Product function / Yes VEAN - VLAN - IP-based VLAN dynamic	r'es r'es r'es r'es r'es r'es r'es r'es
product functions / diagnostics product function	product functions / diagnostics product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product function • VLAN - port based • VLAN - protocol-based • VLAN - IP-based • VLAN dynamic	r'es r'es r'es r'es
product function product function product functions product functions product functions vt.AN product functions vt.AN - port based vt.AN -	product function • port diagnostics • statistics Packet Size • statistics packet type • error statistics • SysLog product functions / VLAN product function • VLAN - port based • VLAN - protocol-based • VLAN - IP-based • VLAN dynamic	r'es r'es r'es
port diagnostics statistics Packet Size statistics packet type error statistics SysUcg product functions / VLAN product functions / DHCP product functions / DHCP product functions / VLAN product function / VLAN product fun	port diagnostics statistics Packet Size statistics packet type statistics packet type error statistics SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic Yes	r'es r'es r'es
statistics Packet type statistics packet type emor statistics yes emor statistics yes sysLog product functions / VLAN product function • VLAN - port based • VLAN - profocol-based • VLAN - profocol-based • VLAN dynamic research product function research resear	statistics Packet Size statistics packet type error statistics SysLog product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic Yes	r'es r'es r'es
statistics packet type error statistics systog yes Product functions / VLAN product functions / VLAN product function VLAN - protosed	 statistics packet type error statistics SysLog Product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic 	r'es r'es r'es
e error statistics yes, or yes yes yes yes yes yes yes ves v	● error statistics ● SysLog Ye product functions / VLAN product function ● VLAN - port based ● VLAN - protocol-based ● VLAN - IP-based ● VLAN dynamic Ye ● VLAN dynamic Ye ▼ ○ VLAN dynamic Ye ○ VLAN dynamic Ye ○ VLAN dynamic Ye ○ VLAN dynamic Ye ○ VLAN dynamic	r'es r'es
SysLog product functions / VLAN - port based VLAN - port based VLAN - protocol-based VLAN - Portage VLAN - protocol-based VES VLAN - WASHIND VES VLAN - WASHIND RESEARCH VLAN - WASHIND ZES protocol / is supported / GVRP Product functions / DHCP product functions / DHCP DHCP Client DHCP Option 86 DHCP Option 86 DHCP Option 66 DHCP Option 67 Yes DHCP Option 7 Yes Product functions / routing service / routing / note product function Static IP routing IPV6 Ves dynamic IP routing IPV6 Ves dynamic IP routing IPV6 Ves Ves OSPFV2 SPFV2 VES VES VES VES VES VES VES V	● SysLog Ye product functions / VLAN	r'es
product functions / VLAN product function • VLAN - prot based • VLAN - protocol-based • VLAN - protocol-based • VLAN - IP-based • VLAN - IP-based • VLAN - IP-based • VLAN - IP-based • VLAN - Mynamic number of VLANs - dynamic / maximum 255 number of VLANs - dynamic / maximum 255 protocol / is supported / GVRP product functions / DHCP product functions / DHCP product functions / DHCP product functions / DHCP product functions / DHCP - Yes • DHCP Option 82 • DHCP Option 82 • DHCP Option 66 • DHCP Option 66 • DHCP Option 67 • Yes • DHCP Option for • static IP routing / note product functions / routing service / routing / note product function • static IP routing Pv6 • dynamic IP routing Pv6 • dynamic IP routing Pv6 • dynamic IP routing Pv6 • RIPv2 • RIPnG for IPv6 • RIPv2 • RIPnG for IPv6 • VRRP • Ves • OSPFv3 for IPv6 • VRRP • High Speed redundancy product function • ring redundancy product function • ring redundancy protocol (HRP) • high speed redundancy protocol	product functions / VLAN product function • VLAN - port based • VLAN - protocol-based • VLAN - IP-based • VLAN dynamic	'es
product function • VLAN - port based • VLAN - proteoch-based • VLAN - IP-based • VES • VES • IP-based • VES • IP-based • VLAN - IP-based • VLAN - IP-based • VLAN - IP-based • VLAN - IP-based • VES • IP-based • VLAN - IP-based •	product function • VLAN - port based • VLAN - protocol-based • VLAN - IP-based • VLAN dynamic Yes	
VLAN - protocol-based VES VLAN dynamic Protocol / is supported / GVRP Product function OBJECT VLANS - dynamic / maximum Protocol / is supported / GVRP Product function OBJECT VLANS - dynamic / maximum Product functions / OBJECT Product functions / OBJECT Product function OBJECT VLANS - dynamic / maximum OBJECT VLANS - dynamic / maximum Product functions / VES OBJECT VLANS - dynamic / maximum OBJECT VLANS - dynamic / maximum OBJECT VLANS - dynamic / Maximum OBJECT VLANS - dynamic / OBJECT VES OBJECT VLANS - dynamic / OBJECT VES OBJECT VLANS - dynamic / OBJECT VES OBJECT VLANS - dynamic / OBJECT VLANS - OBJECT VES OBJECT VLANS - dynamic / OBJECT VLANS - OBJECT	 VLAN - port based VLAN - protocol-based VLAN - IP-based VLAN dynamic 	
VLAN - IP-based Yes VLAN - IP-based Yes VLAN - IP-based Yes VLAN - Myamic Yes number of VLANs / maximum 255 number of VLANs - Myamic / maximum 255 product functions / DMCP product function	● VLAN - protocol-based Ye ● VLAN - IP-based Ye ● VLAN dynamic Ye	
• VLAN IP-based • VLAN dynamic	 VLAN - IP-based VLAN dynamic Ye 	'es
• VLAN dynamic number of VLANs - maximum 255 protocol / is supported / GVRP yes product functions / DHCP product functions / DHCP product functions / DHCP product function 82 • DHCP Option 82 • DHCP Option 66 • DHCP Option 67 product functions / routing service / routing / note product functions / routing service / routing / note static IP routing IPv6 • static IP routing IPv6 • dynamic IP routing IPv6 • Alphamic IP routing IPv6 • RIPv2 • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv2 • VRRP • VRRP • VRRP or IPv6 • Ves product functions • ring redundancy product functions • ring redundancy product functions • ring redundancy product functions • high speed redundancy protocol (HRP) with standby redundancy product function • high speed redundancy protocol (HRP) with standby redundancy product functions Pes Product functions Yes • Ligh Speed redundancy protocol (HRP) with standby redundancy product functions • high speed redundancy protocol (HRP) with standby redundancy product functions	• VLAN dynamic Ye	
number of VLANs / maximum 255 number of VLANs / dynamic / maximum 255 protocol / is supported / GVRP Yes Product functions / DHCP product function DHCP Cption 82 DHCP Option 82 DHCP Option 66 DHCP Option 67 Product functions / routing service / routing / note product function static IP routing IPv6 dynamic IP routing IPv6 dynamic IP routing IPv6 RIPv2 RIPnG for IPv6 SPFv2 OSPFv3 for IPv6 VRRP VRRP VRRP VRRP VRRP VRRP VRRP High Speed Redundancy Protocol (HRP) High Speed redundancy protocol (HRP) with standby res product function 255 yes Poduct function 255 Product function 265 Product function Product funct		'es
number of VLANs - dynamic / maximum product functions / DHCP product functions / DHCP product function DHCP client DHCP Option 82 DHCP Option 66 DHCP Option 67 Yes DHCP Option 67 Yes Product functions / routing service / routing / note product function static IP routing IPv6 dynamic IP routing IPv6 dynamic IP routing IPv6 RIPv2 RIPv6 RIPv2 RIPv6 RIPv6 RIPv6 SPFv2 RIPv6 SPFv2 RIPv6 VRRP VRRP VRRP VRRP VRRP for IPv6 Product function in gredundancy product function ring redundancy res high speed redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby res product function redundancy res redundancy redundancy res redundancy redundancy res redundancy redundancy redundancy res redundancy redundancy res redundancy res redundancy redundancy redundancy redundancy redundancy redundancy redundan	number of VLANs / maximum 25	'es
protocol / is supported / GVRP product functions / DHCP product functions		
product function DHCP Cilient DHCP Option 82 DHCP Option 66 DHCP Option 67 Yes DHCP Option 67 Yes Product functions / routing service / routing / note static IP routing IPv6 dynamic IP routing IPv6 dynamic IP routing IPv6 RIPv2 RIPv2 RIPv6 RIPv8 RIPv8 RIPv8 SesPv2 Yes NoSPFv2 RIPv6 Ves Ves Ves Ves Ves Ves Ves Ve	number of VLANs - dynamic / maximum 25	55
product function OHCP Client DHCP Option 82 OHCP Option 66 DHCP Option 67 Yes DHCP Option 67 Yes Product functions / routing service / routing / note product function Static IP routing IPv6 Otynamic IP routing IPv6 Ves Otynamic IP routing IPv6 RIPv2 RIPv2 RIPv6 or IPv6 OSPFv2 SPFv3 for IPv6 Ves VRRP V	protocol / is supported / GVRP	'es
DHCP Cption 82 DHCP Option 66 DHCP Option 67 Yes DHCP Option 67 Yes product functions / routing service / routing / note product function • static IP routing IPv6 • dynamic IP routing IPv6 • dynamic IP routing IPv6 • dynamic IP routing IPv6 Protocol / is supported • RIPv2 • RIPv2 • RIPv6 • OSPFv2 • RIPv6 • OSPFv3 for IPv6 • Ves • VRRP Or IPv6 • Ves • VRRP Yes Product functions / redundancy product functions • ring redundancy product function • ring redundancy Protocol (HRP) • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Product function	product functions / DHCP	
DHCP Option 82 Product functions / routing service / routing / note product function static IP routing routi	·	
DHCP Option 66 DHCP Option 67 Yes product functions / routing service / routing / note product function static IP routing Static IP routing IPv6 Yes Static IP routing Integrated Yes Static IP routing IPv6 Yes Static IP routing Integrated Yes Static IP routing IPv6 Yes Static IP routing Integrated Yes Static IP routing IPv6 Yes Static IP routing Integrated Yes Static IP routin		'es
DHCP Option 67 product functions / routing service / routing / note product function • static IP routing • static IP routing • static IP routing IPv6 • dynamic IP routing • dynamic IP routing IPv6 • Yes protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP • VRRP or IPv6 Product functions / redundancy product function • 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 Protocol / is supported / Media Redundancy Protocol (MRP) Product function	• DHCP Option 82	'es
product functions / routing note IP routing integrated product function static IP routing IPv6 Yes	DHCP Option 66 Yes	'es
service / routing / note		'es
product function • static IP routing • static IP routing IPv6 • dynamic IP routing • dynamic IP routing IPv6 • dynamic IP routing IPv6 • dynamic IP routing IPv6 • RIPv2 • RIPv2 • RIPnG for IPv6 • OSPFv2 • RIPnG for IPv6 • Ves • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP • VRRP • VRRP • VRRP Yes • VRRP Yes • VRRP Yes • VRRP for IPv6 product functions / redundancy product function • 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 • risported redundancy Protocol (MRP) Yes • high speed redundancy Protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function	product functions / routing	
static IP routing	service / routing / note	Prouting integrated
static IP routing IPv6 dynamic IP routing Yes dynamic IP routing IPv6 Yes dynamic IP routing IPv6 Yes protocol / is supported RIPv2 RIPnG for IPv6 Yes OSPFv2 OSPFv2 VRRP VRRP VRRP VRRP VRRP VRRP VRRP Vres product functions / redundancy product function inig redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function Yes redundancy Yes Protocol / is supported / Media Redundancy Protocol (MRP) Yes Product function Yes Protocol / is supported / Media Redundancy Protocol (MRP) Yes	product function	
• dynamic IP routing • dynamic IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • Ves • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP • VRRP	• static IP routing	'es
olynamic IP routing IPv6 protocol / is supported	• static IP routing IPv6	'es
protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP • VRRP for IPv6 Product functions / redundancy product function • 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	• dynamic IP routing	'es
RIPv2 RIPnG for IPv6 Yes OSPFv2 OSPFv3 for IPv6 Yes VRRP VRRP Yes VRRP for IPv6 Yes Product functions / redundancy product function 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 Yes Yes Yes Yes Yes Yes Yes Ye	dynamic IP routing IPv6 Ye	'es
RIPnG for IPv6 OSPFv2 OSPFv3 for IPv6 Yes VRRP VRRP VRRP VRRP Yes VRRP for IPv6 Yes Product functions / redundancy product function in gredundancy 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 Product function Yes Product function Yes Product function	protocol / is supported	
OSPFv2 OSPFv3 for IPv6 Yes VRRP VRRP VRRP Yes VRRP for IPv6 Yes product functions / redundancy product function in 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 Yes Yes Yes Yes Yes Yes Yes Ye	• RIPv2	'es
OSPFv3 for IPv6 VRRP Vres VRRP for IPv6 Yes VRRP for IPv6 Yes Product functions / redundancy product function 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 Yes Yes Yes Yes Yes Yes Yes Ye	• RIPnG for IPv6	'es
 ◆ 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 	• OSPFv2	'es
● 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 Yes Yes Yes Yes Yes	OSPFv3 for IPv6 Ye	'es
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 Yes Yes Yes	• VRRP	'es
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 Yes Yes Yes	• VRRP for IPv6	'es
 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 Yes Yes	product functions / 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 Yes Yes Yes Yes	product function	
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 Yes Yes Yes	• ring redundancy	'es
manager	High Speed Redundancy Protocol (HRP) Yes	'es
redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function Yes		'es
product function	redundancy	
	protocol / is supported / Media Redundancy Protocol (MRP)	'es
	product function	
 media redundancy protocol (MRP) with redundancy manager Yes		
Media Redundancy Protocol Interconnection (MRP-I) Yes	Media Redundancy Protocol Interconnection (MRP-I) Ye	'es
and the design are not the OTD	• redundancy procedure STP Ye	

 redundancy procedure RSTP 	Yes
redundancy procedure RSTP+	Yes
 redundancy procedure MSTP 	Yes
passive listening	Yes
protocol / is supported	
• LACP	Yes
product functions / security	
product function	
ACL - MAC-based	Yes
 ACL - port/MAC-based 	Yes
• IEEE 802.1x (radius)	Yes
 broadcast/multicast/unicast limiter 	Yes
broadcast blocking	Yes
protocol / is supported	
• SSH	Yes
product functions / time	
product function	
 SICLOCK support 	Yes
protocol / is supported	
• NTP	Yes
• SNTP	Yes
standards, specifications, approvals	
standard	
for safety / from CSA and UL	UL 60950-1; CSA C22.2 No. 213-M1987
for emitted interference	EN 61000-6-4 (Class A)
for interference immunity	EN 61000-6-2
reference code	
• according to IEC 81346-2	KF
• according to IEC 81346-2:2019	KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / hazardous environments	
certificate of suitability	
CCC / for hazardous zone according to GB standard	Yes
CCC / for hazardous zone according to GB standard / as	Ex nA IIC T4 Gc
marking	EXTINUITY OF
standards, specifications, approvals / other	
certificate of suitability	EN 61000-6-2, EN 61000-6-4
• C-Tick	Yes
KC approval	Yes
	No
	No
standards, specifications, approvals / marine classification	
Marine classification association	Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS)	Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV)	Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL	Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS)	Yes Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS)	Yes Yes Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK)	Yes Yes Yes Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS)	Yes Yes Yes Yes Yes Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA)	Yes Yes Yes Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA)	Yes Yes Yes Yes Yes Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) further information / internet links internet link	Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) further information / internet links internet link • to web page: selection aid TIA Selection Tool	Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yhes Yes Yes Yes Yes Yes http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall	Yes Yes Yes Yes Yes Yes Yes Yes Yes This is a selection tool Yes Yes Yes Yes Yes Yes Yes Yes
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industry Mall • to website: Information and Download Center	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall	Yes Yes Yes Yes Yes Yes Yes Yes Yes Thttp://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com

 to website: Industry Online Support 	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, 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)

8/11/2023

last modified:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

6GK55268GR002AR2