

product type designation



SC626-2C

SCALANCE SC626-2C Industrial Security Appliance; for protection of devices and networks in discrete manufacturing and the process industry for protection of the industrial communication with firewall; further functions: network separation according to PROFI-safe; address conversion (NAT/NAPT); connection to SINEMA RC; 4x ports electrical 10/100/1000 Mbps RJ45 and 2x combo port electrical or optical; 10/100/1000 Mbps RJ45 or 1000 Mbps SFP.

Technical Product Detail Page

<https://l.siemens.com/1P6GK5626-2GS00-2AC2>

transfer rate

transfer rate	10, 100, 1000 Mbit/s
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interfaces

number of electrical/optical connections / for network components or terminal equipment / maximum	6
number of electrical connections	
• for signaling contact	1
• for power supply	1
• for redundant voltage supply	1
type of electrical connection	
• 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

number of electrical connections	
• for digital input signals	1
type of electrical connection	
• for digital input signals	2-pole terminal block
• for digital output signals	2-pole terminal block
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

type of voltage / 1 / of the supply voltage	DC
supply voltage / 1 / rated value	24 V; (with plugged-in SFPs)
power loss [W] / 1 / rated value	13.2 W
supply voltage / 1 / rated value	9.6 ... 31.2 V
consumed current	
• 1 / maximum	0.55 A

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	compact
width	60 mm
height	145 mm
depth	125 mm
net weight	0.58 kg
fastening method	Fixing bolt with additional screw protection
fastening method	
• 35 mm DIN-rail mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	Yes
• wall mounting	Yes
product features, product functions, product components / general	
product function / DynDNS client	Yes
product function / for PROFINET networks / suitable for network separation	Yes
product functions / management, configuration, engineering	
product function	
• CLI	Yes
• web-based management	Yes
• MIB support	Yes
protocol / is supported	
• Telnet	No
• HTTP	No
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• SFTP	Yes
• DCP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
product function	
• RMON	Yes
• port mirroring	Yes
• multipoint mirroring	Yes
• CoS	Yes
type of configuration	WBM, CLI, SNMP
PROFINET conformity class	A
product functions / diagnostics	
product function	
• SysLog	Yes
• packet filter log	Yes
• audit log	Yes
• system log	Yes
• port diagnostics	Yes
• statistics Packet Size	Yes
• statistics packet type	Yes
• error statistics	Yes
product functions / DHCP	
product function	
• DHCP client	Yes
• DHCP server - internal network	Yes
• DHCP Option 66	Yes
• DHCP Option 67	Yes
product functions / routing	
product function / static IP routing	Yes
protocol / is supported / VRRP	Yes
product function / static IP routing IPv6	Yes

protocol / is supported / OSPFv2	Yes
product functions / security	
firewall version	stateful inspection
product function / with VPN connection	OpenVPN (as client for SINEMA RC)
product function	
• password protection	Yes
• bandwidth limitation	No
• NAT/NAPT	Yes
• IEEE 802.1x (radius)	Yes
• broadcast/multicast/unicast limiter	Yes
• broadcast blocking	Yes
protocol / is supported / SSH	Yes
product functions / redundancy	
product function	
• ring redundancy	Yes
• standby redundancy	Yes
• High Speed Redundancy Protocol (HRP)	Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
• redundancy procedure STP	Yes
• redundancy procedure RSTP	Yes
• passive listening	Yes
product functions / time	
protocol / is supported	
• NTP	Yes
• SNTP	Yes
product feature / hardware real time clock w. battery backup	Yes
standards, specifications, approvals	
standard	
• for FM	FM19US0167X
• for emitted interference	EN 61000-6-4: 2007
• for interference immunity	EN 61000-6-2: 2005
certificate of suitability	AS/NZS 2064 (Class A), EN 61000-6-2, EN 61000-6-4
• CE marking	Yes
• CCC	Yes
MTBF	29.63 a
• standard	EN/IEC 61709
• reference temperature	40 °C
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	359.504 kg
• during manufacturing	30.8 kg
• during operation	328 kg
• after end of life	0.473 kg
accessories	
product extension / optional	
• C-PLUG	Yes
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAx-Download-Manager	https://www.siemens.com/cax

security information

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Approvals / Certificates

General Product Approval

For use in hazardous locations

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For use in hazardous locations

Dangerous goods

Environment

[EM](#)

[CCC-Ex](#)

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