

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 PROFIsafe; 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
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

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	
<ul style="list-style-type: none"> • 35 mm DIN-rail mounting • S7-300 rail mounting • S7-1500 rail mounting • wall mounting 	<ul style="list-style-type: none"> Yes Yes Yes Yes

product features, product functions, product components / general

product function / DynDNS client	Yes
product function / for PROFI-safe networks / suitable for network separation	Yes

product functions / management, configuration, engineering

product function	
<ul style="list-style-type: none"> • CLI • web-based management • MIB support 	<ul style="list-style-type: none"> Yes Yes Yes

protocol / is supported	
<ul style="list-style-type: none"> • Telnet • HTTP • HTTPS • TFTP • FTP • SFTP • DCP • LLDP • SNMP v1 • SNMP v2 • SNMP v3 	<ul style="list-style-type: none"> No No Yes Yes Yes Yes Yes Yes Yes Yes Yes

product function	
<ul style="list-style-type: none"> • RMON • port mirroring • multiport mirroring • CoS 	<ul style="list-style-type: none"> Yes Yes Yes Yes

type of configuration	WBM, CLI, SNMP
PROFINET conformity class	A

product functions / diagnostics

product function	
<ul style="list-style-type: none"> • SysLog • packet filter log • audit log • system log • port diagnostics • statistics Packet Size • statistics packet type • error statistics 	<ul style="list-style-type: none"> Yes Yes Yes Yes Yes Yes Yes Yes

product functions / DHCP

product function	
<ul style="list-style-type: none"> • DHCP client • DHCP server - internal network • DHCP Option 66 • DHCP Option 67 	<ul style="list-style-type: none"> Yes Yes Yes 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 safety / from CSA and UL	UL 60950 E115352 / CSA C22.2 no. 60950-1-03, CSA C22.2 no. 213-M1987 (available soon)
• 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	360.23 kg
• during manufacturing	31.33 kg
• during operation	328.43 kg
• after end of life	0.47 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
• to website: Industry Online Support	https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial cybersecurity functions
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that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity 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 cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. 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 Cybersecurity RSS Feed under <https://www.siemens.com/cert>. (V4.7)

Approvals / Certificates

General Product Approval	For use in hazardous locations
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[China RoHS](#)

[TUEV](#)



IECEX

[EM](#)

[CCC-Ex](#)

Dangerous goods	Environment
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[Dangerous goods in-formation](#)



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