

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

PRODUCT BRAND

Siemens

PRODUCT MODEL

6GK5615-0AA00-2AA2

Siemens 6GK5615-0AA00-2AA2 is a SCALANCE S615 industrial security appliance and LAN router with five 10/100 Mbps Ethernet connections. It provides a stateful firewall, NAT functions, secure remote-access support, and configuration through web-based management, CLI, or SNMP.

The device operates from a 24 V DC supply and supports DIN-rail, S7-300 rail, or S7-1500 rail mounting. Network zones, firewall rules, VPN parameters, management access, firmware, digital I/O, and the selected mounting arrangement require controlled security planning before commissioning.

OFFICIAL SOURCE

SCALANCE S615 Technical Data

6GK5615-0AA00-2AA2

[Open current Siemens source](#)

product type designation



S615

SCALANCE S615 LAN router; for protection of devices/networks in automation technology and for protection of industrial communication by means of VPN and firewall; Further functions: address conversion (NAT/NAPT), connection to SINEMA RC, 5-port switch, 1x dig. input, 1x digital output.

product brand name	SCALANCE
Technical Product Detail Page	https://li.siemens.com/1P6GK5615-0AA00-2AA2
transfer rate	
transfer rate	10, 100 Mbit/s
interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	5
number of electrical connections	
• for power supply	1
• for redundant voltage supply	1
type of electrical connection	
• for power supply	5-pole terminal block
design of the removable storage / C-PLUG	Yes
signal inputs/outputs	
number of electrical connections	
• for digital input signals	1
• for digital output signals	1
type of electrical connection	
• for digital input signals	2-pole terminal block
• for digital output signals	2-pole terminal block
supply voltage, current consumption, power loss	
type of voltage / 1 / of the supply voltage	DC
supply voltage / 1 / rated value	24 V
power loss [W] / 1 / rated value	4 W
supply voltage / 1 / rated value	10.8 ... 28.8 V
consumed current	
• at DC / at 24 V / typical	0.2 A
product component / 1 / fusing at power supply input	Yes
fuse protection type / 1 / at input for supply voltage	Non-replaceable melting fuse (F 2 A5 / 32 V)
ambient conditions	
ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	

design	compact
width	35 mm
height	147 mm
depth	127 mm
net weight	0.4 kg
fastening method	
• 35 mm DIN-rail mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	Yes
product functions / management, configuration, engineering	
product function	
• CLI	Yes
• web-based management	Yes
• MIB support	Yes
protocol / is supported	
• HTTP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
type of configuration	Web Based Management, CLI, SNMP, SCT (Configuration support for certificate generation)
product functions / diagnostics	
product function	
• SysLog	Yes
• packet filter log	Yes
• audit log	Yes
• system log	Yes
product functions / DHCP	
product function	
• DHCP client	Yes
• DHCP server - internal network	Yes
product functions / routing	
product function / static IP routing	Yes
protocol / is supported / VRRP for IPv6	Yes
product functions / security	
firewall version	stateful inspection
product function / with VPN connection	IPsec, OpenVPN (as client for SiNEMA RC)
type of encryption algorithms / with VPN connection	AES-256, AES-192, AES-128, 3DES-168, DES-56
type of authentication procedure / with VPN connection	Preshared key (PSK), X.509v3 certificates
type of hashing algorithms / with VPN connection	MD5, SHA-1, SHA-256, SHA-384, SHA-512
number of possible connections / with VPN connection	20
product function	
• password protection	Yes
• bandwidth limitation	No
• NAT/NAPT	Yes
product functions / time	
protocol / is supported / NTP	Yes
product component / hardware real time clock	Yes
product feature / hardware real time clock w. battery backup	No
standards, specifications, approvals	
standard	
• for safety / from CSA and UL	UL 60950 E115352
• for emitted interference	EN 61000-6-4
• for interference immunity	EN 61000-6-2
certificate of suitability	ATEX, EMC, RoHS
• CE marking	Yes
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
standards, specifications, approvals / marine classification	
Marine classification association	