

Siemens 6GK5602-0BA10-2AA3 Manual

Brand	Siemens
Product Series	Siemens
Product Type	designation SCALANCE S602

Description

6GK5602-0BA10-2AA3

Product type designation SCALANCE S602

SCALANCE S602 module for protection of devices and components
intrinsic safety automation technology and for protection of industrial
communication with firewall; other functions: address conversion
(NAT/NAPT), DHCP server, Syslog, symbol. names for IP
addresses, PPPoE, DYNDNS, SNMP (V1+V3), global firewall rules

Transmission rate

Transfer rate 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s

Interfaces

Number of electrical/optical connections / for network
components or terminal equipment / maximum

2

Number of electrical connections

- for internal network 1
- for external network 1
- for DMZ 0
- for signaling contact 1
- for power supply 1
- for redundant voltage supply 1

Type of electrical connection

- for internal network RJ45 port
- for external network RJ45 port
- 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

Operating voltage / of the signaling contacts / at DC /

Rated value

24 V

Operating current / of the signaling contacts / at DC /

maximum

0.1 A

Supply voltage, current consumption, power loss

Supply voltage / external 24 V

Supply voltage / external 19.2 ... 28.8 V

Type of voltage / of the supply voltage DC

Consumed current / maximum 0.5 A

Product component / fusing at power supply input Yes

Fuse protection type / at input for supply voltage Non-replaceable melting fuse (F 3 A / 32 V)

Power loss [W]

- at DC / at 24 V / typical 6.72 W

Permitted ambient conditions

Ambient temperature

- during operation -40 ... +60 °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 weight

Design compact

Width 60 mm

Height 125 mm

Depth 124 mm

Net weight 0.8 kg

Mounting type Screw mounting on horizontal and vertical surfaces

Mounting type

- 35 mm DIN rail mounting Yes
- S7-300 rail mounting Yes
- wall mounting Yes

Product properties, functions, components / general

Product function / Dynamic DNS Yes

Protocol / is supported / PPPoE Yes

Product functions / management, configuration

Product function

- symbolic names for IP addresses Yes

Protocol / is supported

- SNMP v1 Yes

- SNMP v3 Yes

Type of configuration SCT: Security Configuration Tool (included in scope of delivery)

Product functions / Diagnosis

Product function

- SysLog Yes
- Packet Filter Log Yes
- Audit Log Yes
- System log Yes

Product functions / DHCP

Product function

- DHCP server - internal network Yes

Product functions / Routing

Product function / Static IP routing Yes

Product functions / Security

Firewall version stateful inspection

Product function / with VPN connection -

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Type of encryption algorithms / with VPN connection -

Type of authentication procedure / with VPN connection

-

Type of hashing algorithms / with VPN connection -

Number of possible connections / with VPN connection

0

Number of network nodes / for internal network / with VPN connection

• Note -

Product function

- Password protection Yes
- Bandwidth limiting Yes
- NAT/NAPT Yes

Product functions / Time

Product function / pass on time synchronization Yes

Protocol / is supported / NTP Yes

Product component / Hardware real-time clock Yes

Product feature / Hardware real-time clock w. battery backup

Yes

Standards, specifications, approvals

Standard

• for FM FM 3611

• for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA IIT..., KEMA

07 ATEX 0145 X

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• for safety / from CSA and UL UL 60950 / CSA C22.2 No. 60950-00, UL 508 / CSA C22.2 No. 142

• 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, marine classification pending

Certificate of suitability

- CE marking Yes
- C-Tick Yes

Marine classification association

• American Bureau of Shipping Europe Ltd. (ABS)

No

- Bureau Veritas (BV) No
- Det Norske Veritas (DNV) No
- Germanische Lloyd (GL) No
- Lloyds Register of Shipping (LRS) No
- Nippon Kaiji Kyokai (NK) No
- Polski Rejestr Statkow (PRS) No

Accessories

Product extension / optional / C-PLUG Yes