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Data sheet 6GK5602-0BA10-2AA3

Product type designation

SCALANCE S602

SCALANCE S602 MODULE FOR PROTECTION OF UNITS AND NETWORKS IN AUTOMATION TECHNOLOGY AND FOR PROTECTION OF INDUSTRIAL COMMUNICATION WITH FIREWALL ADDITIONAL FUNCTIONS: ADDRESS CONVERSION (NAT/NAPT), DHCP-SERVER, SYSLOG, SYMBOL. NAME FOR IP-ADDRESSES, PPPOE, DYNDNS, SNMP (V1+V3) GLOBALE 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 DMZ	-
• for signaling contact	2-pole terminal block

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• 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)
Active power loss	
• 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 / DynDNS client	Yes
Protocol / is supported / PPPoE	Yes

Product functions / management, configuration	
Product function	
• symbolic names for IP addresses	Yes

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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	-
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 property / Hardware real-time clock w. battery backup	Yes

Standards, specifications, approvals	
Standard	
• for FM	FM 3611

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• for hazardous zone	EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA IIT.., KEMA 07 ATEX 0145 X
• 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 expansion / optional / C-PLUG	Yes

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

Security information

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