

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
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Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	2
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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
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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]	
<ul style="list-style-type: none"> at DC / at 24 V / typical 	6.72 W

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	-40 ... +60 °C
<ul style="list-style-type: none"> during storage 	-40 ... +80 °C
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> 35 mm DIN rail mounting 	Yes
<ul style="list-style-type: none"> S7-300 rail mounting 	Yes
<ul style="list-style-type: none"> wall mounting 	Yes

Product properties, functions, components / general

Product function / Dynamic DNS	Yes
Protocol / is supported / PPPoE	Yes

Product functions / management, configuration

Product function	
<ul style="list-style-type: none"> 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
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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 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

<ul style="list-style-type: none"> • for safety / from CSA and UL 	UL 60950 / CSA C22.2 No. 60950-00, UL 508 / CSA C22.2 No. 142
<ul style="list-style-type: none"> • for emitted interference 	EN 61000-6-4 : 2007
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • CE marking 	Yes
<ul style="list-style-type: none"> • C-Tick 	Yes
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) 	No
<ul style="list-style-type: none"> • Bureau Veritas (BV) 	No
<ul style="list-style-type: none"> • Det Norske Veritas (DNV) 	No
<ul style="list-style-type: none"> • Germanische Lloyd (GL) 	No
<ul style="list-style-type: none"> • Lloyds Register of Shipping (LRS) 	No
<ul style="list-style-type: none"> • Nippon Kaiji Kyokai (NK) 	No
<ul style="list-style-type: none"> • Polski Rejestr Statkow (PRS) 	No

Accessories

Product extension / optional / C-PLUG	Yes
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Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> • to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> • to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> • to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> • to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> • to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> • to website: Industry Online Support 	https://support.industry.siemens.com

Security information

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.automation.siemens.com>. (V3.4)

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