

### product type designation



### SC622-2C

SCALANCE SC622-2C 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; 2x combo port electrical or optical; 10/100/1000 Mbit/s RJ45 or 1000 Mbit/s SFP.

transfer 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 signaling contact	1
• for power supply	1
• for redundant voltage supply	1
type of electrical connection	
• 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	
number of electrical connections	
• for digital input signals	1
type of electrical connection	
• for digital input 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	9.36 W
supply voltage / 1 / rated value	9.6 ... 31.2 V
consumed current / 1 / maximum	0.38 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"> <li>• 35 mm top hat DIN rail mounting</li> <li>• S7-300 rail mounting</li> <li>• S7-1500 rail mounting</li> <li>• wall mounting</li> </ul>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
<b>product features, product functions, product components / general</b>	
product function / DynDNS client	Yes
product function / for PROFI-safe networks / suitable for network separation	Yes
<b>product functions / management, configuration, engineering</b>	
product function	
<ul style="list-style-type: none"> <li>• CLI</li> <li>• web-based management</li> <li>• MIB support</li> </ul>	<p>Yes</p> <p>Yes</p> <p>Yes</p>
protocol / is supported	
<ul style="list-style-type: none"> <li>• HTTP</li> <li>• SNMP v1</li> <li>• SNMP v2</li> <li>• SNMP v3</li> </ul>	<p>No</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
type of configuration	WBM, CLI, SNMP
<b>product functions / diagnostics</b>	
product function	
<ul style="list-style-type: none"> <li>• SysLog</li> <li>• packet filter log</li> <li>• audit log</li> <li>• system log</li> </ul>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
<b>product functions / DHCP</b>	
product function	
<ul style="list-style-type: none"> <li>• DHCP client</li> <li>• DHCP server - internal network</li> </ul>	<p>Yes</p> <p>Yes</p>
<b>product functions / routing</b>	
product function / static IP routing	Yes
<b>product functions / security</b>	
firewall version	stateful inspection
product function / with VPN connection	OpenVPN (as client for SINEMA RC)
product function	
<ul style="list-style-type: none"> <li>• password protection</li> <li>• bandwidth limitation</li> <li>• NAT/NAPT</li> </ul>	<p>Yes</p> <p>No</p> <p>Yes</p>
<b>product functions / time</b>	
protocol / is supported / NTP	Yes
product feature / hardware real time clock w. battery backup	Yes
<b>standards, specifications, approvals</b>	
standard	
<ul style="list-style-type: none"> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	<p>EN 61000-6-4: 2007</p> <p>EN 61000-6-2: 2005</p>
certificate of suitability	AS/NZS 2064 (Class A), EN 61000-6-2, EN 61000-6-4
<ul style="list-style-type: none"> <li>• CE marking</li> </ul>	Yes
<b>accessories</b>	
product extension / optional / C-PLUG	Yes
<b>further information / internet-Links</b>	
Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> </ul>	<p><a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a></p> <p><a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a></p> <p><a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a></p>

- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<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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