

product type designation



SC632-2C

SCALANCE SC632-2C 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: address conversion (NAT/NAPT); Connection to SINEMA RC; 2x combo port electrical or optical; 10/100/1000 Mbit/s RJ45 or 100 Mbit/s SFP 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 | 9.12 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"> • 35 mm top hat DIN rail mounting • S7-300 rail mounting • S7-1500 rail mounting • wall mounting | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |
| product features, product functions, product components / general | |
| product function / DynDNS client | Yes |
| product functions / management, configuration, engineering | |
| product function | |
| <ul style="list-style-type: none"> • CLI • web-based management • MIB support | <p>Yes</p> <p>Yes</p> <p>Yes</p> |
| protocol / is supported | |
| <ul style="list-style-type: none"> • HTTP • SNMP v1 • SNMP v2 • SNMP v3 | <p>No</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |
| type of configuration | WBM, CLI, SNMP |
| product functions / diagnostics | |
| product function | |
| <ul style="list-style-type: none"> • SysLog • packet filter log • audit log • system log | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |
| product functions / DHCP | |
| product function | |
| <ul style="list-style-type: none"> • DHCP client • DHCP server - internal network | <p>Yes</p> <p>Yes</p> |
| product functions / routing | |
| product function / static IP routing | Yes |
| product functions / security | |
| firewall version | stateful inspection |
| product function / with VPN connection | OpenVPN (as client for SINEMA RC) |
| product function | |
| <ul style="list-style-type: none"> • password protection • bandwidth limitation • NAT/NAPT | <p>Yes</p> <p>No</p> <p>Yes</p> |
| product functions / time | |
| protocol / is supported / NTP | Yes |
| product feature / hardware real time clock w. battery backup | Yes |
| standards, specifications, approvals | |
| standard | |
| <ul style="list-style-type: none"> • for FM • for safety / from CSA and UL • for emitted interference • for interference immunity | <p>FM 3611 (available soon)</p> <p>UL 60950 / CSA C22.2 No. 60950-1-03, CSA C22.2 No. 213-M1987 (in preparation)</p> <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"> • CE marking • C-Tick | <p>Yes</p> <p>Yes</p> |
| standards, specifications, approvals / marine classification | |
| Marine classification association | |
| <ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL | <p>Yes</p> <p>Yes</p> <p>Yes</p> |

| | |
|---|---|
| <ul style="list-style-type: none"> • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |
| standards, specifications, approvals / hazardous environments | |
| standard / for hazardous zone | EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X |
| certificate of suitability / CCC / for hazardous zone according to GB standard | Yes |
| accessories | |
| product extension / optional / C-PLUG | Yes |
| further information / internet-Links | |
| Internet-Link | |
| <ul style="list-style-type: none"> • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support | <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p> |
| security information | |
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