6GK5208-0BA00-2FC2





SCALANCE XC208EEC manageable Layer 2 IE switch; IEC 62443-4-2 certified; 8x 10/100 Mbit/s RJ45 ports; 1x console port; diagnostics LED; redundant power supply; with painted printed-circuit boards; NAMUR NE21-compliant; temperature range -40 °C to +70 °C; assembly: DIN rail/S7 mounting rail/wall; redundancy functions; Office; features (RSTP, VLAN,...); PROFINET IO device; Ethernet/IP-compliant; C-PLUG slot;

| product type designation | SCALANCE XC208EEC |
|--|-----------------------|
| transfer rate | |
| transfer rate | 10 Mbit/s, 100 Mbit/s |
| interfaces / for communication / integrated | |
| number of electrical connections | |
| for network components or terminal equipment | 8; RJ45 |
| number of 10/100/1000 Mbit/s RJ45 ports / integrated | |
| with securing collar | 8 |
| interfaces / other | |
| number of electrical connections | |
| for operator console | 1 |
| for signaling contact | 1 |
| for power supply | 1 |
| type of electrical connection | |
| for operator console | RJ11 |
| 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 |
| operational current / of the signaling contacts | |
| at DC / maximum | 0.1 A |
| supply voltage, current consumption, power loss | |
| product component / connection for redundant voltage supply | Yes |
| type of voltage / 1 / of the supply voltage | DC |
| supply voltage / 1 / rated value | 24 V |
| power loss [W] / 1 / rated value | 4.2 W |
| consumed current / 1 / at rated supply voltage / maximum | 0.175 A |
| supply voltage / 1 / rated value | 9.6 31.2 V |
| consumed current / 1 / maximum | 0.35 A |
| type of electrical connection / 1 / for power supply | 4-pole terminal block |
| product component / 1 / fusing at power supply input | Yes |
| • fuse protection type / 1 / at input for supply voltage | 2.5 A / 125 V |
| ambient conditions | |
| ambient temperature | |

| a Juring torage a Juring transport elable humstly and 25° C visitout condensation / during operation / maximum protection class IP resign, dimensions and weights Oesign Oesig | during operation | -40 +70 °C |
|--|---|--|
| eduring transport ediable humidity ent 25 °C hydrhout condensation / during operation / maximum protection class IP Easign, dimensions and weights design width 60 mm height 147 mm depth 125 mm net weight 0,52 kg product feature / conformal coating reterior of the endoure 155 mm lop hat DIN rail mounting 4 °S mm lop hat DIN rail mounting 4 °S 75-300 rail mounting 5 °S 75-300 rail mounting 7 °S 75-300 rail mounting 8 °S 75-300 rail mounting 9 °S 75-300 rail | | |
| sealing humanity Protection class IP IP20 | | |
| ## 125 °C / without condensation / during operation / maximum protection class IP IP20 | | |
| maximum protection class IP IP20 design dimensions and weights design 00 mm height 147 mm depth 125 mm net weight 0.52 kg mm returned of the enclosure 10.52 kg mm returned in the case of a returned in in in it is in the enclosure 10.52 kg mental 10.52 kg ment | · · · · · · · · · · · · · · · · · · · | 95 % |
| Compact Comp | | |
| design compact width 60 mm height 147 mm depth 125 mm her weight 125 mm her tweight 0.52 kg product feature? conformal coating Yes material? of the enclosure Polycarbonale (PC-GF10) / pressure die cast aluminum fastening method Polycarbonale (PC-GF10) / pressure die cast aluminum fastening method Polycarbonale (PC-GF10) / pressure die cast aluminum fastening method Polycarbonale (PC-GF10) / pressure die cast aluminum fastening method Polycarbonale (PC-GF10) / pressure die cast aluminum fastening method Polycarbonale (PC-GF10) / pressure die cast aluminum fastening product features, product functions, product components / general cascading in the case of a redundant ring? at reconfiguration inte of <0.05 mm fastening Polycarbonale (PC-GF10) / pressure die cast aluminum fastening product function of <0.05 according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening product function of <0.05 according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening product function (PS according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening product function (PS according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening product function (PS according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening product function (PS according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening and product function (PS according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening and product function (PS according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening and product function (PS according to DSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening and product fastening and product function (PSCP Polycarbonale (PC-GF10) / pressure die cast aluminum fastening and product fastening and pro | protection class IP | IP20 |
| width | design, dimensions and weights | |
| width | - Similar Control of the Control of | compact |
| height 147 mm 128 mm 1 | | |
| depth 125 mm | height | 147 mm |
| net weight product feature / conformal coating product feature / conformal coating material / of the enclosure fastening method | | 125 mm |
| product feature / conformal coating yes material / of the enclosure Polycarbonate (PC-GF10) / pressure die cast aluminum fastening method • 35 mm top hat DiN rail mounting Yes • wall mounting Yes • S7-300 rail mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes • Cascading in the case of a redundant ring / at reconfiguration time of <-0.3% • cascading in cases of star topology any (depending only on signal propagation time) • Cut Through switching method • Store & Forward switching method • Store & Forward switching method • Cut Through switching method • Store & Forward switching method • Cut • Web-based management • Cut Through switching method • Cut • Web-based management • Cut Through switching method • Cut • Web-based management • Cut Through switching method • Cut • Web-based management • Cut Through switching method | | 0.52 kg |
| material / of the enclosure fastening method 35 mm top hat DIN rail mounting ves vail mounting S7-30 rail mounting S7-1500 rail mounting S7-1500 rail mounting Yes S7-1500 rail mounting Yes S7-1500 rail mounting Yes Product features, product functions, product components / general cascading in the case of a redundant ring / at reconfiguration time of <-0.3'-s- cascading in cases of star topology product function / QoS according to DSCP Yes Product function / QoS according to DSCP Yes Product function / Management, configuration, engineering Product function • CLI • web-based management • Ves • Wes • PROFINET (ol diagnosis Yes • PROFINET conformity class • PROFINET conformity class • PROFINET conformity class • Res • Wes • PROFINET (orlinanged • Wes • | | |
| fastening method • 35 mm top hat DIN rail mounting • wall mounting • S7-300 rail mounting product features, product functions, product components / general cascading in the case of a redundant ring/ at reconfiguration rites of <0.3 s | | Polycarbonate (PC-GF10) / pressure die cast aluminum |
| * 35 mm top hat DIN rail mounting * wall mounting * S7-300 rail mounting * S7-300 rail mounting * S7-1500 rail mounting * S0-1500 rail rail mounting * S0-1500 rail rail rail rail rail rail rail rail | fastening method | |
| wall mounting | | Yes |
| • S7-1500 rail mounting Yes product features, product functions, product components / general cascading in the case of a redundant ring / at reconfiguration time of <\(\text{~0.3} \text{~s} \) cascading in cases of star topology any (depending only on signal propagation time) product function / OoS according to DSCP Yes product functions / ooS according method No • Store & Forward switching method Yes product functions / management, configuration, engineering product function • CLI Yes • Wes • Wes • Wes • Wes • Wes • TRAPs via email Yes • Configuration with STEP 7 Yes • SMTP server No • SMTP server No • port mirroring Yes • COS • PROFINET IO diagnosis Yes PROFINET Conformity class B product function / switch-managed Yes • Leigram length / for Ethernet / maximum 1632 byte protocol / is supported • Telnet Yes • HTTP Yes • HTTP Yes • HTTP Yes • Ethern Yes • DCP Yes • LLDP Yes • SMMP Yes • Identification & maintenance function | | Yes |
| • S7-1500 rail mounting Yes product features, product functions, product components / general cascading in the case of a redundant ring / at reconfiguration time of <\(\text{~0.3} \text{~s} \) cascading in cases of star topology any (depending only on signal propagation time) product function / OoS according to DSCP Yes product functions / ooS according method No • Store & Forward switching method Yes product functions / management, configuration, engineering product function • CLI Yes • Wes • Wes • Wes • Wes • Wes • TRAPs via email Yes • Configuration with STEP 7 Yes • SMTP server No • SMTP server No • port mirroring Yes • COS • PROFINET IO diagnosis Yes PROFINET Conformity class B product function / switch-managed Yes • Leigram length / for Ethernet / maximum 1632 byte protocol / is supported • Telnet Yes • HTTP Yes • HTTP Yes • HTTP Yes • Ethern Yes • DCP Yes • LLDP Yes • SMMP Yes • Identification & maintenance function | <u> </u> | Yes |
| product features, product functions, product components / general cascading in the case of a redundant ring / at reconfiguration time of <-0.3% = 6 cascading in cases of star topology product function / QoS according to DSCP product fraction / QoS according to DSCP • Cut Through switching method • Store & Forward switching method • Store & Forward switching method • Cut • Cut • Cut • Cut • Cut • Yes • Yes • Web-based management, configuration, engineering product function • Cut • Web-based management • Milb support • TRAPs via email • Configuration with STEP 7 • RMON • SMTP server • port mirroring • port mirroring • Cus • multiport mirroring • Cus • PROFINET IO diagnosis • PROFINET conformity class product function / switch-managed • telegram length / for Ethernet / maximum protocol / is supported • Telnet • HTTP • HTTP • HTTP • HTTP • HTTP • HTTP • GMRP • DCP • CMRP • SNMP v2 • SNMP v2 • SNMP v2 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) Identification & maintenance function | | |
| cascading in the case of a redundant ring / at reconfiguration time of <- of < | | / general |
| reconfiguration time of <\-0.3\-s cascading in cases of star topology product function / QoS according to DSCP product function / QoS according to DSCP product functions witching method | | |
| product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method • Store & Forward switching method • Ctl • Web-based management, configuration, engineering product function • Ctl • Web-based management • Yes • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • product functions • Wes • MID support • Yes • RMON • SMTP server • No • SMTP server • No • PROFINET IO diagnosis • PROFINET IO diagnosis • PROFINET IO diagnosis • PROFINET IO diagnosis • Yes PROFINET onformity class product function / switch-managed • Telnet • Telnet • Telnet • TEINE • TEINE • TEINE • BOOTP • GMRP • GMRP • GMRP • GMRP • SNIMP V1 • SNIMP V2 • SNIMP V3 • ISMMP V4 • V8S • ISMMP V8S • V8S • ISMMP V4 • V8S • | | |
| product feature Cut Through switching method Store & Forward switching method Yes Product functions / management, configuration, engineering Product function CLI Yes web-based management Yes MIB support TRAPs via email Yes configuration with STEP 7 RMON Yes sMTP server No port mirroring Yes multiport mirroring Yes PROFINET IO diagnosis PROFINET Conformity class B product function / switch-managed telegram length / for Ethernet / maximum Tortoco / is supported Telnet TEINE TEINE TETP BOOTP GMRP GMRP GMRP CSN Yes DCP LLDP EtherNet/IP SNMP v1 Yes Identification & maintenance function | cascading in cases of star topology | any (depending only on signal propagation time) |
| • Cut Through switching method • Store & Forward switching method Product functions / management, configuration, engineering product function • Cul Yes • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • RMON Yes • SMTP server No • port mirroring Yes • multiport mirroring Yes • multiport mirroring Yes • PROFINET IO diagnosis Yes PROFINET conformity class B product function / switch-managed Yes • Lelegram length / for Ethemet / maximum 1632 byte protocol / is supported • Telnet Yes • HTTP Yes • HTTP Yes • HTTP Yes • BOOTP • BOOTP • GMRP • DCP • LLDP • EtherNet/IP • SNMP v1 • SNMP v2 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) • Jes Identification & maintenance function | product function / QoS according to DSCP | Yes |
| Store & Forward switching method Yes product functions Yes • CLI Yes • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • RMON Yes • SMTP server No • port mirroring Yes • DROFINET IO diagnosis Yes • PROFINET IO diagnosis Yes • PROFINET Conformity class B product function / switch-managed Yes telegram length / for Ethernet / maximum 1632 byte protocol / is supported Yes • TEINE Yes • HTTP Yes • HTTP Yes • BOOTP No • GMRP Yes • LLDP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • IGMR (snooping/querier) Yes identification & maintenance function | product feature | |
| product function CLI Web-based management MIB support TRAPs via email configuration with STEP 7 RMON SMTP server port mirroring COS PROFINET LO diagnosis PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported TIFTP HTTP HTTP HTTP BOOTP BOOTP BOMRP CEMPA SIMP V3 SIMP V4 Ves Ves Ves Ves Ves Ves Ves V | Cut Through switching method | No |
| Product function | Store & Forward switching method | Yes |
| ○ CLI ○ web-based management ○ Web web-based management ○ MIB support ○ TRAPs via email ○ configuration with STEP 7 ○ RMON ○ SMTP server ○ port mirroring ○ multiport mirroring ○ res ○ PROFINET IO diagnosis ○ PROFINET Onformity class ○ PROFINET conformity class □ product function / switch-managed 1 telegram length / for Ethernet / maximum ○ Telnet ○ Telnet ○ Telnet ○ TETP ○ HTTPS ○ Yes ○ BOOTP ○ MNO ○ GMRP ○ CP ○ LLDP ○ CP ○ LLDP ○ EtherNet/IP ○ SNMP v1 ○ SNMP v1 ○ SNMP v2 ○ SNMP v3 ○ IGMP (snooping/querier) identification & maintenance function ○ Teles ○ Teles ○ Teles ○ SNMP v3 ○ SNMP v3 ○ SIMP v3 ○ SIMP v3 ○ SIMP (snooping/querier) identification & maintenance function ○ Teles ○ T | product functions / management, configuration, engineeri | ng |
| • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • CRMON Yes • SMTP server No • port mirroring Yes • multiport mirroring Yes • COS Yes • PROFINET IO diagnosis Yes PROFINET conformity class B product function / switch-managed Yes telegram length / for Ethernet / maximum 1632 byte protocol / is supported Yes • Telnet Yes • HTTP Yes • HTTP Yes • HTTP Yes • TETP Yes • BOOTP No • GMRP Yes • DCP Yes • LLDP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • SNMP v3 Yes • IGMP (snooping/querier) Yes | product function | |
| | • CLI | Yes |
| • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis • PROFINET conformity class product function / switch-managed • Telnet • HTTP • HTTPS • HTTP • BOOTP • BOOTP • BOCP • LLDP • EtherNet/IP • SNMP v1 • SNMP v2 • SNMP v3 • IGIMP (snooping/querier) ives • MRON • Yes • PROFINET conformity class B | web-based management | Yes |
| • configuration with STEP 7 Yes • RMON Yes • SMTP server No • port mirroring Yes • multiport mirroring Yes • CoS Yes • PROFINET IO diagnosis Yes PROFINET conformity class B product function / switch-managed Yes telegram length / for Ethernet / maximum 1632 byte protocol / is supported Yes • Tenet Yes • HTTP Yes • HTTP Yes • BOOTP No • GMRP Yes • DCP Yes • LLDP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • SNMP v3 Yes • IGMP (snooping/querier) Yes identification & maintenance function Yes | MIB support | Yes |
| RMON SMTP server No port mirroring Yes multiport mirroring Yes multiport mirroring Yes PROFINET IO diagnosis Yes PROFINET conformity class PROFINET conformity class B product function / switch-managed telegram length / for Ethernet / maximum rotocol / is supported Telnet Yes HTTP Yes HTTPS Yes TFTP Yes BOOTP No GMRP Yes DCP LLDP EtherNet/IP SNMP v1 SNMP v1 SNMP v3 IGMP (snooping/querier) identification & maintenance function Yes identification & maintenance function | TRAPs via email | Yes |
| SMTP server port mirroring multiport mirroring Yes CoS PROFINET IO diagnosis Yes PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum fo32 byte protocol / is supported Telnet Yes HTTP HTTPS FFTP BOOTP BOOTP GMRP CMRP DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | configuration with STEP 7 | Yes |
| port mirroring multiport mirroring CoS Yes PROFINET IO diagnosis Yes PROFINET conformity class B product function / switch-managed telegram length / for Ethernet / maximum 1632 byte protocol / is supported Telnet HTTP HTTPS HTTPS FFTP BOOTP GMRP DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | • RMON | Yes |
| | SMTP server | No |
| | port mirroring | Yes |
| PROFINET IO diagnosis PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported • Telnet • Telnet • HTTP • HTTPS • HTTPS • HTTP • BOOTP • BOOTP • DCP • LLDP • EtherNet/IP • SNMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) identification & maintenance function | multiport mirroring | Yes |
| PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported • Telnet • Telnet • HTTP • HTTPS • HTTPS • BOOTP • BOOTP • DCP • LLDP • EtherNet/IP • SNMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) identification & maintenance function | • CoS | Yes |
| product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported • Telnet • HTTP • HTTPS • HTTPS • BOOTP • BOOTP • DCP • LLDP • EtherNet/IP • SNMP v1 • SNMP v2 • SNMP v3 • IGMP (snooping/querier) identification & maintenance function | PROFINET IO diagnosis | Yes |
| telegram length / for Ethernet / maximum protocol / is supported Telnet HTTP HTTP HTTPS TELNET BOOTP BOOTP GMRP DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | PROFINET conformity class | В |
| protocol / is supported • Telnet Yes • HTTP Yes • HTTPS Yes • TFTP Yes • BOOTP No • GMRP Yes • DCP Yes • LLDP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • SNMP v3 Yes • IGMP (snooping/querier) Yes identification & maintenance function | product function / switch-managed | Yes |
| Telnet HTTP Yes HTTPS Yes TFTP BOOTP GMRP DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | telegram length / for Ethernet / maximum | 1632 byte |
| HTTP HTTPS Yes TFTP BOOTP GMRP DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | protocol / is supported | |
| HTTPS TFTP BOOTP GMRP DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | Telnet | Yes |
| TFTP BOOTP GMRP DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | • HTTP | Yes |
| ● BOOTP No ● GMRP Yes ● DCP Yes ● LLDP Yes ● EtherNet/IP Yes ● SNMP v1 Yes ● SNMP v2 Yes ● SNMP v3 Yes ● IGMP (snooping/querier) Yes identification & maintenance function | • HTTPS | Yes |
| | • TFTP | Yes |
| DCP LLDP EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | • BOOTP | No |
| ■ LLDP ■ EtherNet/IP ■ SNMP v1 ■ SNMP v2 ■ SNMP v3 ■ IGMP (snooping/querier) identification & maintenance function Yes Yes Yes Yes Yes | • GMRP | Yes |
| EtherNet/IP SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function | • DCP | Yes |
| SNMP v1 SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function Yes Yes Yes Yes | • LLDP | Yes |
| SNMP v2 SNMP v3 IGMP (snooping/querier) identification & maintenance function Yes Yes | • EtherNet/IP | Yes |
| ● SNMP v3 Yes ■ IGMP (snooping/querier) Yes identification & maintenance function | • SNMP v1 | Yes |
| ● IGMP (snooping/querier) identification & maintenance function Yes | • SNMP v2 | Yes |
| identification & maintenance function | • SNMP v3 | Yes |
| | IGMP (snooping/querier) | Yes |
| I&M0 - device-specific information Yes | identification & maintenance function | |
| the state of the s | I&M0 - device-specific information | Yes |

| I&M1 – higher level designation/location designation | Yes |
|---|-----|
| product functions / diagnostics | |
| product function | |
| port diagnostics | Yes |
| statistics Packet Size | Yes |
| statistics packet type | Yes |
| • error statistics | Yes |
| SysLog | Yes |
| product functions / VLAN | |
| product function | |
| VLAN - port based | Yes |
| VLAN - protocol-based | No |
| VLAN - IP-based | No |
| number of VLANs / maximum | 257 |
| number of VLANs - dynamic / maximum | 257 |
| number of VLANs / at ring redundancy (HRP; MRP; standby link) | 35 |
| protocol / is supported / GVRP | Yes |
| product functions / DHCP | |
| product function | |
| DHCP server | Yes |
| DHCP client | Yes |
| DHCP Option 82 | Yes |
| DHCP Option 66 | Yes |
| DHCP Option 67 | Yes |
| product functions / redundancy | |
| product function | |
| of the PROFINET IO device / is supported / PROFINET system redundancy | Yes |
| ring redundancy | Yes |
| High Speed Redundancy Protocol (HRP) | Yes |
| high speed redundancy protocol (HRP) with redundancy manager | Yes |
| high speed redundancy protocol (HRP) with standby redundancy | Yes |
| protocol / is supported / Media Redundancy Protocol (MRP) | Yes |
| product function | |
| media redundancy protocol (MRP) with redundancy manager | Yes |
| Media Redundancy Protocol Interconnection (MRP-I) | Yes |
| of the PROFINET IO device / is supported / H-Sync forwarding | Yes |
| redundancy procedure STP | Yes |
| redundancy procedure RSTP | Yes |
| redundancy procedure RSTP+ | Yes |
| redundancy procedure MSTP | Yes |
| Parallel Redundancy Protocol (PRP)/operation in the PRP-network | Yes |
| Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) | No |
| passive listening | Yes |
| protocol / is supported | |
| • LACP | Yes |
| product functions / security | |
| product function | |
| ● IEEE 802.1x (radius) | Yes |
| broadcast/multicast/unicast limiter | Yes |
| broadcast blocking | Yes |
| protocol / is supported | |
| • SSH | Yes |

| • SSL | Yes |
|--|--|
| product functions / time | |
| product function | |
| SICLOCK support | Yes |
| NTP-client | Yes |
| SNTP client | Yes |
| protocol / is supported | 100 |
| NTP | Yes |
| • SNTP | Yes |
| system modification during operation | |
| product function / configuration in RUN via CiR/H-CiR | Yes |
| standards, specifications, approvals | |
| IT security for industrial automation systems / according to | Yes |
| IEC 62443-4-2:2019 | 165 |
| MTBF | 48 y |
| reference code | |
| according to IEC 81346-2 | KF |
| according to IEC 81346-2:2019 | KFE |
| standards, specifications, approvals / CE | |
| certificate of suitability / CE marking | Yes |
| product conformity / according to EMC-guideline | 2014/30/EU |
| standard | |
| for EMC interference emission | EN 61000-6-4, EN 50121-8 |
| • for immunity to EMC | EN 61000-6-2, EN 50121-4 |
| certificate of suitability / RoHS conformity | Yes; 2011/65/EU |
| standards, specifications, approvals / hazardous environn | nents |
| certificate of suitability | |
| • ATEX | Yes; EN 60079-0, EN 60079-15 |
| • for ATEX / as marking | II 3 G Ex nA II T4 Gc |
| for ATEX / as certificate | KEMA 07ATEX0145 X |
| • IECEx | Yes; IEC 60079-0, IEC 60079-15 |
| for IECEx / as marking | Ex nA II T4 Gc |
| for IECEx / as certificate | IECEx DEK 14.0025X |
| CCC / for hazardous zone according to GB standard | Yes |
| for cULus HazLoc / as marking | CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 |
| for cULus HazLoc / as File Nr. | E240480 (NWHP, NWHP7) |
| FM registration | Yes; FM class 3600:2011, FM class 3611:2004, FM class 3810:2005, |
| | ANSI/ISA-61010-1:2004 |
| for FM / as marking | CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C |
| - for FM / on contificato | +70 °C |
| • for FM / as certificate | FM16US0205X |
| standards, specifications, approvals / other | |
| certificate of suitability | Ven |
| railway application in accordance with EN 50121-4 Paralletan Campliance Mark (DCM) | Yes |
| Regulatory Compliance Mark (RCM) for III. 61010.2.201 / ce File Nr. | Yes |
| • for UL 61010-2-201 / as File Nr. | E85972 (NRAQ, NRAQ7) |
| • for UL 60950-1 / as File Nr. | E115352 (NWGQ, NWGQ7) |
| EAC approval | Yes |
| accessories | V |
| product extension / optional / C-PLUG | Yes |
| further information / internet-Links | |
| Internet-Link | |
| to web page: selection aid TIA Selection Tool | http://www.siemens.com/tia-selection-tool |
| 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

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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