SIEMENS

Data sheet

6GK5722-1FC00-0AA0

product type designation



W722-1 RJ45

IWLAN client, SCALANCE W722-1, RJ45, 1 radio, 1 R-SMA antenna port, iFeatures support IEEE 802.11a/b/g/h/n, 2.4/5GHz, gross data rate 150 Mbit/s, 1x RJ45 max. 100 Mbit/s, 24 V DC, joint block, IP20, 0... +55 °C, WPA2/802.11i/e, observe national approvals! CERT ID: ELN-W1-RJ-E1, scope of delivery: Manuals on CD-ROM, German/English, 1x joint block; for operation outside of USA/Israel.

transformation	
transfer rate	
transfer rate	
• with WLAN / maximum	150 Mbit/s
for Industrial Ethernet	10, 100 Mbit/s
transfer rate / for Industrial Ethernet	
• minimum	10 Mbit/s
• maximum	100 Mbit/s
interfaces	
number of electrical connections	
 for network components or terminal equipment 	1
 for power supply 	1
 for redundant voltage supply 	0
type of electrical connection	
 for network components or terminal equipment 	RJ45 socket
 for power supply 	3-pole screw terminal
memory	
design of the removable storage	
• C-PLUG	No
• KEY-PLUG	No
interfaces / wireless	
number of radio cards / permanently installed	1
number of electrical connections / for external antenna(s)	1
type of electrical connection / for external antenna(s)	R-SMA (socket)
product feature / external antenna can be mounted directly on device	Yes
supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	DC
consumed current	
• at DC / at 24 V / typical	0.15 A
power loss [W]	
• at DC / at 24 V / typical	3.6 W
supply voltage / 1	
from terminal block	19.2 V
supply voltage / 2	
from terminal block	28.8 V
ambient conditions	
ambient temperature	
during operation	0 55 °C
during storage	-40 +85 °C
- •	

relative humany, at 25 °C, Valhout condensator / during operation / manufactures 95 %. ancient condition / for operation When used under huzarobus conditions (2one 2), the SCALANCE W761-1 RA46 or W72x-1 R445 producture the installed in ancience. To comply with 1N 5022, this ancience must meet the requirements of at least IPD 54 m production class IP order 50 mm pelph 920 dissign, dimensions and weights 50 mm with / of the enclosure / without anterna 14 mm depth / dimensions / weight 93 %. getarbal / manufacture 14 mm depth / dimensions / without anterna 14 mm depth / dimensions / without anterna 14 mm depth / dimensions / without anterna 14 mm exist / ancience / without anterna 14 mm depth / dim enclosure / without anterna 14 mm exist / ancience / without anterna 14 mm exist / ancience / without anterna 14 mm exist / ancience / without ante	during transport	-40 +85 °C			
operation / maximum Image: Constraint of the operation When used under intracrosus concisions (Zone 2), the SCALANCE W781-1 R345 or W722 \ R345	relative humidity / at 25 °C / without condensation / during				
Particle on class IP P24 So of Witzer 1448 product must be installed in a encourse of all Eos (P34 in org/line with EV6 Sol2). protection class IP P24 Oct 146 encourse must meet the requirements of all Eos (P34 in org/line with EV6 Sol2). with intervent in the solar encourse of all eos (P34 in an intervent					
generations and weights 00000 with in boom 500000 height 114 mm degin 74 mm with if of the endown / without antenna 500 mm height // of the endown / without antenna 114 mm deght of the endown / without antenna 114 mm deght of the endown / without antenna 0.13 kg festering method 0.13 kg • S7-5000 call mounting No • 957-5000 call mounting No • 97-51000 call mounting Ves • 97-51000 call mounting No • 97-51000 call mounting No • 97-51000 call mounting Ves • 97-51000 call mounting No product function / access Foilt Mode No product function	ambient condition / for operation	RJ45 or W72x-1 RJ45 product must be installed in an enclosure. To comply with EN 50021, this enclosure must meet the requirements of at least IP 54 in			
with 90 mm height 114 mm depth 114 mm with // of the endosure / without antenna 50 mm height // of the endosure / without antenna 114 /mm depth // of the endosure / without antenna 114 /mm depth // of the endosure / without antenna 114 /mm depth // of the endosure / without antenna 114 /mm depth // of the endosure / without antenna 74 mm not woight 0.13 kg festem method 0.3 kg • \$57-1500 call mounting No • \$57-1500 call mounting No • and frequencids	protection class IP	IP20			
height 114.mm depth 74 mm worn of the enclosure / without antenna 50 mm height / of the enclosure / without antenna 114 mm depth of the enclosure / without antenna 114 mm depth of the enclosure / without antenna 114 mm depth of the enclosure / without antenna 114 mm etsterning method 74 mm • S7 -500 rail mounting No • for VLAN in 2 GHz requency band 2.41 2.48 GHz; depending on the country approvals • for VLAN in 3 CHz requency band 4.9 6.8 GHz. depending on the country approvals • for VLAN in 5 CHz requency band 4.9 6.8 GHz. depending on the country approvals • for VLAN in 5 CHz requency band 1.4 2.48 GHz; depending on the country approvals • for VLAN in 5 CHz requency band 2.41 2.48 GHz; depending on the country approvals • for VLAN in 5 CHz requency band 1.9 63 GHz. depending on the country approvals • for VLAN in 5 CHz requency genteral • product function <td>design, dimensions and weights</td> <td></td>	design, dimensions and weights				
depin 74 mm width / of the enclosure / without antenna 50 mm height / of the enclosure / without antenna 114 mm depth / of the enclosure / without antenna 74 mm net weight 0.13 kg fastering method 74 mm • S7:500 rail mounting No • S7:500 rail mounting No • S7:500 rail mounting No • of WLAK in 2.4 GHz / fequency band 2.41 2.48 GHz, depending on the country approvals product finatures 5.6 GHz, depending on the country approvals product function / Access Point Mode Yes - in GPC - Rado Cleant Yes - in GPC - Fallent Yes - index functions / inclusions, product components / general product function / inclusions product function / Access Point Mode Yes - index functions / inclusions, product components / general product function / inclusions product function / Access Point Mode Yes product function / inclusions Yes - index of Informations, product components / general product function / inclusion - index of Information, engineering runnet or management. Yes - runber of management. Yes Yes - index of Information, engineering runber of management. Yes	width	50 mm			
width / of the enclosure / without antenna 50 mm height / of the enclosure / without antenna 114 mm depth / of the enclosure / without antenna 114 mm edpth / of the enclosure / without antenna 74 mm Interview[aft 0.13 kg Statening method 9 • \$7 :300 rail mounting No • \$5 mm DN-rail mounting Yes • and mounting No • and mounting No • for WLAN in 5 GHz frequency band 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5 GHz frequency band 2.41 2.48 GHz; depending on the country approvals product finations / Cleart Yes • for WLAN in 5 GHz frequency band 2.41 2.48 GHz; depending on the country approvals product fination / Access Point Mode No product function / Access Point Mode Yes • POF-GIBIT Yes • POF-AC client Yes • POF-AC client Yes • moder of manageable IP addresses / in client 4 product function / IPRP Yes • CUL • Web based manageable IP addresses / in cl	height	114 mm			
height / of the enclosure / without antenna 144 mm depth / of the enclosure / without antenna 74 mm ref weight 0.13 kg fastening method 9 • S7-300 rail mounting No • S7-300 rail mounting No • S7-300 rail mounting No • S7-500 rail mounting No • Fall o Foreuncida 2.41 2.48 GHz; depending on the country approvals product function / Access Point Mode Yes product function / Access Point Mode Yes product function / Clemt Mode Yes • IPCF-MC client Yes • IPCF-MC client Yes • IPCF-MC client Yes • Ordica function / IPRP Yes • Inther of manageable if Padreses in client Yes	depth	74 mm			
dop/n / d file enclosure / without antenna 74 mm. net weight 0.13 kg isatering method 0.13 kg • \$7:300 rail mounting No • \$7:300 rail mounting No • \$7:5100 rail mounting No • \$7:5100 rail mounting No • \$7:6100 rail mounting No • \$7:6100 rail mounting No • \$7:6100 rail nounting No • for WLAN in S CH2 frequency band 2.41 2.48 CH2; depending on the country approvals • for WLAN in S CH2 frequency band 4.9 58 CH2; depending on the country approvals • for WLAN in S CH2 frequency band 4.9 58 CH2; depending on the country approvals • for WLAN in S CH2 frequency band 4.9 58 CH2; depending on the country approvals • for WLAN in S CH2 frequency band 4.9 58 CH2; depending on the country approvals • for WLAN in S CH2 frequency band 4.9 58 CH2; depending on the country approvals • for WLAN in S CH2 frequency band Yes • product function / JercP Yes • IPCF CHC client Yes • Product function I • product function I • CL1 Yes • web based management Yes • CL1 Yes • MB suport Yes • onofi	width / of the enclosure / without antenna	50 mm			
net weight 0.13 kg fastening method is 57-500 rall mounting No is 35 mm DN-rail mounting No is 36 mm DN-rail mounting No is 36 mm DN-rail mounting Yes iw all mounting No operating frequency if or WLAN in 2.4 fizz frequency band 2.41 2.48 GHz; depending on the country approvals product function / Access Point Mode No product function / Access Point Mode Yes product function / Access Point Mode Yes product function / Access Point Mode Yes iPCPC fealt Yes iPCF-MC client Yes iPCF-Capable rado modules 1 product function / PRP Yes product function / PRP Yes ordurat function 4 ordurat function / PRP Yes ordurat function 4 ictoringuration with STEP 7 Yes ictoringuration with STEP 7 Ye	height / of the enclosure / without antenna	114 mm			
fastering method No • S7-300 rail mounting No • S7-500 rail mounting No • S7-500 rail mounting No • soft mounting No radio frequencies	depth / of the enclosure / without antenna	74 mm			
• S7-300 rail mouning No • S7-1500 rail mouning Yes • wall mounting Yes • wall mounting Yes • for WLAN in 2.4 fact frequency band 2.412.48 GHz; depending on the country approvals • for WLAN in 2.4 fact frequency band 4.95.8 fdtz; depending on the country approvals • for WLAN in 3.5 fact factures, product functions, product components / generations product function / cleant Mode No product function / cleant Mode Yes number of fiPCF-capable radio modules 1 number of fiPCF-dialent Yes • IPCCF cliant Yes • rout Lanction / FiPCP Yes • rout function Yes • rout function / FiPCP Yes • rout function Yes •	net weight	0.13 kg			
• S7-1500 rail mounting No • 33 mm DIN-ail mounting Yes operating frequency • • for WLAN in 2.4 GHz frequency band 2.41 2.4.3 GHz; depending on the country approvals • for WLAN in 5 GHz frequency band 4.9 58 GHz; depending on the country approvals • for WLAN in 5 GHz frequency band 4.9 58 GHz; depending on the country approvals • product function / Access Point Mode No product function / Clent Mode Yes • IPOF -MC client Yes • web-based management, configuration, engineering • • CLI Yes • web-based management Yes • CLI Yes • configuration wth STEP 7 Yes • configuration wth STEP 7 Yes • configuration wth STEP 7 Yes • wOS No Protoct function 6 maintenance function Yes • LOMP Yes • LOMP Yes • LOMP Yes • LOMP </td <td>fastening method</td> <td></td>	fastening method				
• 35 mm DIN-rail mounting Yes • wall mounting No operating frequency	 S7-300 rail mounting 	No			
radio No radio frequency	 S7-1500 rail mounting 	No			
radio frequencies operating frequency • 6 wi VLAN in 2 GHz frequency band 4.9 5.8 GHz; depending on the country approvals product function / Access Point Mode Product function / Access Point Mode Product function / Access Point Mode Product function / Colent Mode Product function / PCP-MC client Yes number of IPCP-Capable radio modules product function / IPRP Ves product function • IPCP-INC Client Yes product function / IPRP ves product function • Off guration with STEP 7 Yes • Onfiguration with STEP 7 Yes • MOS protocol / is supported • Address Resolution Protocol (ARP)	 35 mm DIN-rail mounting 	Yes			
operating frequency 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5.4 GHz frequency band 2.41 2.48 GHz; depending on the country approvals product function / Access Point Mode No product function / Access Point Mode Yes product function / IRRP Yes number of IPCF-capable radio modules 1 product function / IRRP Yes product function / Inanagement, configuration, engineering 4 number of manageable IP addresses / in client 4 product function Yes • KIDS Yes • CLI Yes • CLI Yes • Configuration with STEP 7 Yes • CDP Yes • CMP Yes • LOP Yes <	5	No			
for WLAN in 2.4 GHz frequency band ior WLAN in 2.4 GHz frequency band ior WLAN in 5.64z frequency band 4.95.8 GHz; depending on the country approvals for WLAN in 5.64z frequency band 4.95.8 GHz; depending on the country approvals product function, product components / general product function / clean Mode Product function iPCF elient iPCF client income or manageable IP addresses / in client Product function iPCF client iPC client	radio frequencies				
for WLAN in 5 GHz frequency band 4.9 5.8 GHz; depending on the country approvals product functions, product components / general product function / Access Privat Mode product function product function product function iPCF-funct Mode Yes product function iPCF-Glent Yes product function / IPCP PCF-Glent Yes product function / IPCP PCF-Glent Yes product function / IPCP Texpect product functions / IPCP Texpect product function (LI Yes Yes	operating frequency				
product fastures, product function, product components / general No product function / Access Point Mode No product function / client Mode Yes • IPCF-RC client Yes • IPCF-MC client Yes number of IPCF-capable radio modules 1 product function / IPRP Yes product functions / management, configuration, engineering number of manageable IP addresses / in client • CLI Yes • outfurgionation with STEP 7 Yes • outfurgionation with STEP 7 Yes • outfugration with STEP 7 Yes • MDS No protocol / is supported Yes • Address Resolution Protocol (ARP) Yes • ITTP Yes • ELDP Yes • LDP No Identification & maintenance function Yes • IAMO - device-specing information Yes • IAMO - device-specing information Yes • COP Yes • ECP Yes • ICDP No Identification & maintenance function Yes • IAMO - device-spec	 for WLAN in 2.4 GHz frequency band 	2.41 2.48 GHz; depending on the country approvals			
product function / Access Point Mode No product function Yes product function Yes • IPCF-Ident Yes • IPCF-MC client Yes • IPCF-Cepable radio modules 1 product functions / IPRP Yes product functions / management, configuration, engineering Yes mumber of manageable IP addresses / in client 4 product function Yes • LL Yes • MBI support Yes • CLI Yes • onfiguration with STEP 7 Yes • Configuration with STEP 7 Yes • CMP Yes • CMP Yes • CMP Yes • IFTP Yes • IFTP Yes • CCP Yes • LLDP No Identification A maintenance func					
product function / client Mode Yes product function • IPCF client Yes • IPCF-MC client Yes product function / IPRP Yes product functions / management, configuration, ongineering 1 • CLI Yes product functions / management, configuration, ongineering 4 product functions / management Yes • CLI Yes • web-based management Yes • oringuration with STEP 7 Yes • configuration with STEP 7 Yes • wobs No protocol / is supportd Yes • wobs No protocol / is supported Yes • CMP Yes • CMP Yes • ICMP Yes • ITTP Yes • ITTP Yes • ICMP Yes • ICMP Yes • ICMP Yes • ITTP Yes • ITTP Yes • ILDP <t< td=""><td>product features, product functions, product components / gene</td><td>eral</td></t<>	product features, product functions, product components / gene	eral			
product function Yes • IPCF-MC client Yes • IPCF-MC client Yes number of IPCF-apable radio modules 1 product function / IPRP Yes product functions / management, configuration, angineering 4 number of manageable IP addresses / in client 4 product function 4 product function Yes • CLI Yes • web-based management Yes • IMB support Yes • IMB support Yes • CLI Yes • ornfiguration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • CMP Yes • CAPS No protocol / is supported Yes • CAP Yes • CLAP Yes • CLAP Yes • CLAP Yes • LCAP Yes • LIDP Yes • LLDP No identification & maintenance function Yes • LLDP No identification & supported / identification link Yes; acc. to IEC 61406-1:2022 product function / is supported / identification link Yes; acc. to IEC 61406-1:2022 product function /	product function / Access Point Mode	No			
• IPCF client Yes number of IPCF-acpable radio modules 1 product function / IPRP Yes number of manageable IP addresses / in client 4 product function 4 ordinations / management, configuration, engineering 4 • CLI Yes • web-based management Yes • Web value Yes • cCl i Yes • configuration with STEP 7 Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • configuration with STEP 7 in the TIA Portal Yes • WODS No protocol / is supported Yes • CLMP Yes • LCMP Yes • LCMP Yes • LCMP Yes • LLDP Yes • LLDP No identification & maintenance function Yes • LLDP No identification & maintenance function Yes • LLDP No product function / is supported / identification link Yes • ProCPINET IO diagnosis Yes • PROFINET IO diagnosis Yes • Inick check No	product function / client Mode	Yes			
• IPCF-MC client Yes number of IPCF-capable radio modules 1 product function / IPRP Yes number of manageable IP addresses / in client 4 product functions / management, configuration, engineering 4 or CLI Yes • Web-based management Yes • MIB support Yes • CLI Yes • orofiguration with STEP 7 Yes • configuration with STEP 7 Yes • wDoS No protocol / is supported Yes • CLIP Yes • CLIP Yes • LOLP Yes • Effect Yes • TFTP Yes • LLDP No • Identification & maintenance function Yes • ILLDP No • RAM1 - higher level designation/location designation Yes • Product function / is supported Yes • ILLDP Yes • RAM1 - hi	product function				
number of IPCF-capable radio modules 1 product function / IPRP Yes number of management, configuration, engineering 4 product function 4 order functions / anagement 4 • Web-based management Yes • Web-based management Yes • Web-based management Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • wDS No protocol / is supported Yes • Address Resolution Protocol (ARP) Yes • ICMP Yes • ICMP Yes • TEIRE Yes • TITP Yes • ICMP Yes • ICMP Yes • TEIRE Yes • TITP Yes • ILDP No Identification & maintenance function Yes • I&MO - device-specific information Yes • I&MO - device-specific information Yes product function / is supported / identification link Yes; acc. to IEC 61	iPCF client	Yes			
product function / IPRP Yes product functions / management, configuration, ongineering number of manageable IP addresses / in client product function CLI web-based management Yes web-based management Yes TRAPs via email Yes configuration with STEP 7 Yes ves configuration with STEP 7 Yes ves ves					
product functions / management, configuration, engineering number of manageable IP addresses / in client 4 product function 4 in the support Yes • CLI Yes • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No protocol / is supported Yes • Address Resolution Protocol (ARP) Yes • ICMP Yes • TEIPE Yes • TEIPE Yes • HTTPS Yes • HTTPS Yes • LLDP Yes • LLDP No identification & maintenance function Yes • I&MO - device-specific information Yes • IAMO - device-specific information Yes • ILLDP No identification & maintenance function Yes • I&MO - device-specific information Yes	· · · · · · · · · · · · · · · · · · ·				
number of manageable IP addresses / in client 4 product function Yes • CLI Yes • web-based management Yes • MB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No protocol / is supported Yes • Address Resolution Protocol (ARP) Yes • ICMP Yes • Telnet Yes • HTTPS Yes • LLDP Yes • LLDP No identification & maintenance function Yes • I&MO - device-specific information Yes • I&MO - device-specific information Yes product function / is supported Yes • IBM0 - device-specific information Yes • I&MO - device-specific information Yes product function / is supported / identification link Yes; acc. to IEC 61406-1:2022 product function Yes ink check No • connection monitoring IP-Alive No	·	Yes			
product function CLI Yes • web-based management Yes • web-based management Yes • WIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No protocol / is supported Kaddress Resolution Protocol (ARP) • Address Resolution Protocol (ARP) Yes • ICMP Yes • Telnet Yes • HTTP Yes • TFIP Yes • DCP Yes • LLDP No identification & maintenance function Yes • I&MO - device-specific information Yes • I&MM - higher level designation/location designation Yes product function / is supported / identification link Yes; acc. to IEC 61406-1:2022 product function Fes product function Yes; acc. to IEC 61406-1:2022 product function Kes ilink check No ilink check No					
• CLIYes• web-based managementYes• MIB supportYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNoprotocol / is supportedYes• Address Resolution Protocol (ARP)Yes• ICMPYes• TelnetYes• HTTPYes• HTTPSYes• LDPYes• LLDPYes• LLDPNoidentification & maintenance functionYes• I&M1 - higher level designation/location designationYesproduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product function / diagnosisYes• IRKO - Report / DaignosisYes• IRK + Report / Do diagnosisYes• In Roe / NoIEC 61406-1:2022	· · · · · · · · · · · · · · · · · · ·	4			
• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo• WDSNoprotocol / is supportedYes• LCMPYes• ICMPYes• ILDPNoIdentification & maintenance functionYes• ILMPYes• ILMPYes <td></td> <td></td>					
• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• wDSNo• wDSNoprotocol / is supportedYes• Address Resolution Protocol (ARP)Yes• ICMPYes• TelnetYes• TelnetYes• HTTPSYes• HTTPSYes• DCPYes• LLDPNo• Identification & maintenance functionYes• I&MO - device-specific informationYes• I&MO - device-specific informationYes• product function / is supported / identification linkYes; acc. to IEC 61406-1:2022• product function / diagnosticsYes• Iink checkNo					
TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNoprotocol / is supportedNo• Address Resolution Protocol (ARP)Yes• (CMPYes• TelnetYes• TelnetYes• HTTPSYes• HTTPSYes• LLDPYes• LLDPNoidentification & maintenance functionYes• I&M1 - higher level designation/location designationYesproduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functionYes• IRKOT I/O diagnosticsYes• link checkNo	-				
• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo• WDSNoprotocol / is supported-• Address Resolution Protocol (ARP)Yes• ICMPYes• ICMPYes• TelnetYes• HTTPYes• HTTPSYes• TFTPYes• DCPYes• LLDPNo• LLDPNo• Identification & maintenance functionYes• I&M1 - higher level designation/location designationYes; acc. to IEC 61406-1:2022product function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functionYes• PROFINET IO diagnosisYes• Iink checkNo• connection monitoring IP-AliveNo					
• configuration with STEP 7 in the TIA PortalYes• WDSNoprotocol / is supported					
• WDSNoprotocol / is supported/• Address Resolution Protocol (ARP)Yes• ICMPYes• TelnetYes• TelnetYes• HTTPYes• HTTPSYes• TFTPYes• DCPYes• LLDPNoidentification & maintenance functionYes• I&MD - device-specific informationYes• I&M0 - device-specific informationYesproduct function /Yes; acc. to IEC 61406-1:2022product function/• PROFINET IO diagnosisYes• link checkNo• connection monitoring IP-AliveNo	0				
protocol / is supported • Address Resolution Protocol (ARP) • ICMP • ICMP • Telnet • Telnet • HTTP • HTTPS • TFTP • DCP • LLDP • No identification & maintenance function • I&MO - device-specific information Yes • I&MO - device-specific information Yes product function / is supported / identification link Yes; acc. to IEC 61406-1:2022	-				
• Address Resolution Protocol (ARP)Yes• ICMPYes• TelnetYes• TelnetYes• HTTPYes• HTTPSYes• TFTPYes• DCPYes• LLDPNoidentification & maintenance functionYes• I&MO - device-specific informationYes• I&MM - device-specific informationYes• I&MA - higher level designation/location designationYesproduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functionYes• PROFINET IO diagnosisYes• link checkNo• link checkNo• connection monitoring IP-AliveNo		NO			
ICMPYesTelnetYesHTTPYesHTTPSYesTFTPYesDCPYesLLDPNoidentification & maintenance functionYesI & MO - device-specific informationYesYesYesProduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functionYesProduct functionYesInk functionYesProduct functionYesInk checkNoNoNo		Vac			
TelnetYesHTTPYesHTTPSYesTFTPYesDCPYesLLDPNoidentification & maintenance functionYesI & MO - device-specific informationYesYesYesI & MO - device-specific informationYesYesYesProduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022Product functionYes; acc. to IEC 61406-1:2022Product functionYesI & PROFINET IO diagnosisYesI ink checkNooconnection monitoring IP-AliveNo					
HTTPYesHTTPSYesTFTPYesDCPYesLLDPNoidentification & maintenance functionYesI&M0 - device-specific informationYesI&M1 - higher level designation/location designationYesproduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functionYesProduct functionYesink checkNoIink checkNoconnection monitoring IP-AliveNo					
HTTPSYes• TFTPYes• DCPYes• LLDPNo• identification & maintenance functionYes• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYes• roduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product function• PROFINET IO diagnosisYes• link checkNo• connection monitoring IP-AliveNo					
• TFTPYes• DCPYes• LLDPNoidentification & maintenance functionYes• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functionYes• PROFINET IO diagnosisYes• link checkNo• connection monitoring IP-AliveNo					
• DCPYes• LLDPNoidentification & maintenance functionYes• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYes; acc. to IEC 61406-1:2022product function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functions / diagnosticsYesproduct functionYes• PROFINET IO diagnosisYes• link checkNo• connection monitoring IP-AliveNo					
• LLDPNoidentification & maintenance function• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functions / diagnosticsproduct function• PROFINET IO diagnosisYes• link checkNo• connection monitoring IP-AliveNo					
identification & maintenance function Yes • I&M0 - device-specific information Yes • I&M1 - higher level designation/location designation Yes product function / is supported / identification link Yes; acc. to IEC 61406-1:2022 product functions / diagnostics Yes product function Image: support of the					
• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct function / is supported / identification linkYes; acc. to IEC 61406-1:2022product functions / diagnosticsproduct functionproduct functionYesproduct functionYesink checkNo• connection monitoring IP-AliveNo					
• I&M1 - higher level designation/location designation Yes product function / is supported / identification link Yes; acc. to IEC 61406-1:2022 product functions / diagnostics product function product function Yes ink check No • connection monitoring IP-Alive No		Yes			
product function / is supported / identification link Yes; acc. to IEC 61406-1:2022 product functions / diagnostics product function • PROFINET IO diagnosis Yes • link check No • connection monitoring IP-Alive No					
product functions / diagnostics product function • PROFINET IO diagnosis Yes • link check No • connection monitoring IP-Alive No					
product function • PROFINET IO diagnosis Yes • link check • connection monitoring IP-Alive No					
Iink check No connection monitoring IP-Alive No					
Iink check No connection monitoring IP-Alive No	PROFINET IO diagnosis	Yes			
	-	No			
• SysLog Yes	 connection monitoring IP-Alive 	No			
	SysLog	Yes			

protocol / is supported	
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
product functions / VLAN	
product function	
function VLAN with IWLAN	No
product functions / DHCP	
product function	
DHCP client	Yes
DHCP server	Yes
DHCP Option 82	Yes
product functions / redundancy	
protocol / is supported	
• STP/RSTP	Yes
• MSTP	Yes
• RSTP	Yes
product functions / security	
product function	
ACL - MAC-based	Yes
management security, ACL-IP based	Yes
IEEE 802.1x (radius)	Yes
NAT/NAPT	Yes
access protection according to IEEE802.11i	Yes
• WPA/WPA2	Yes
• TKIP/AES	Yes
protocol / is supported	
• SSH	Yes
RADIUS	Yes
product functions / time	
protocol / is supported	
• NTP	Yes
• SNTP	Yes
 SIMATIC time synchronization (SIMATIC Time) 	Yes
standards, specifications, approvals	
standard	
• for FM	FM 3611: Class I, Division 2, Groups A,B,C,D, T4 / Class 1, Zone 2, Group IIC, T4, FM16US0205X
 for safety / from CSA and UL 	UL 60950-1 E115352, CSA C22.2 No. 60950-1
certificate of suitability	
 EC Declaration of Conformity 	Yes
CE marking	Yes
• C-Tick	Yes
• E1 approval	No
 railway application in accordance with EN 50155 	No
NEMA TS2	No
• IEC 61375	No
• IEC 61850-3	No
• NEMA4X	No
 Power-over-Ethernet according IEEE802.3at for type 1 and IEEE802.3af 	No
 Power-over-Ethernet according to IEEE802.3at for type 2 	No
standard for wireless communication	
• IEEE 802.11a	Yes
• IEEE 802.11a • IEEE 802.11b	Yes
• IEEE 802.11b	
IEEE 802.11bIEEE 802.11e	Yes Yes
IEEE 802.11bIEEE 802.11eIEEE 802.11g	Yes Yes Yes
 IEEE 802.11b IEEE 802.11e IEEE 802.11g IEEE 802.11h 	Yes Yes Yes
 IEEE 802.11b IEEE 802.11e IEEE 802.11g IEEE 802.11h IEEE 802.11i 	Yes Yes Yes Yes
 IEEE 802.11b IEEE 802.11e IEEE 802.11g IEEE 802.11h 	Yes Yes Yes

reference code				
 according to IEC 81346-2:2019 	KFE			
standards, specifications, approvals / marine classification				
Marine classification association				
 American Bureau of Shipping Europe Ltd. (ABS) 	No			
 French marine classification society (BV) 	No			
DNV GL	No			
 Korean Register of Shipping (KRS) 	No			
 Lloyds Register of Shipping (LRS) 	No			
 Nippon Kaiji Kyokai (NK) 	No			
 Polski Rejestr Statkow (PRS) 	No			
 Royal Institution of Naval Architects (RINA) 	No			
standards, specifications, approvals / hazardous environments				
standard / for hazardous zone	EN 60079-15:2005, EN 60079-0:2006, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X			
● from CSA and UL	ANSI/ISA 12.12.01-2013, CAN/CSA C22.2 No.213-M1987, Cl. 1, div. 2, GP. A, B, C, D, T4 / Cl. 1, Zone 2, GP IIC E240480			
certificate of suitability / CCC / for hazardous zone according to GB standard	Yes; GB3836.1, GB3836.8			
• as marking	Ex nA IIC T4 Gc			
standards, specifications, approvals / Environmental Product D				
Environmental Product Declaration	Yes			
global warming potential [CO2 eq]				
• total	200.91 kg			
during manufacturing	12.97 kg			
during operation	187.77 kg			
after end of life	0.17 kg			
accessories				
accessories	24 V DC screw terminal included in scope of delivery			
further information / internet links				
internet link				
 to website: Selection guide for cables and connectors 	https://support.industry.siemens.com/cs/ww/en/view/109766358			
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud			
 to web page: WLAN country approval 	https://www.siemens.com/wireless-approvals			
to the website: IWLAN	https://www.siemens.com/iwlan			
• to website: Industrial communication	https://www.siemens.com/simatic-net			
• to web page: SiePortal	https://sieportal.siemens.com/			
 to website: Image database 	https://www.automation.siemens.com/bilddb			
 to website: CAx-Download-Manager 	https://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 cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available			
	and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)			
Approvals / Certificates	and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under			

C C EG-Konf.	Declaration of Con- formity		EHC	<u>Manufacturer Declara-</u> <u>tion</u>	RCM
For use in hazardous	slocations		Radio Equipment Ty	vpe Approval Certificate	
	K ATEX	<u>CCC-Ex</u>	<u>Miscellaneous</u>	<u>Industry Canada (IC)</u>	<u>Miscellaneous</u>
Environment					
<u>Confirmation</u>	EPD				

last modified:

2/18/2025 🖸