SIEMENS

Data sheet

6GK5774-1FX00-0AA0

product type designation



W774-1 RJ45

IWLAN Access Point, SCALANCE W774-1 RJ45, 1 radio, 2 R-SMA antenna port, iFeatures support via KEY-PLUG, IEEE 802.11a/b/g/h/n, 2.4/5GHz, gross data rate 300 Mbit/s, 2x RJ45 max. 100 Mbit/s, PoE integrated 2-port switch, redundant 24 V DC, joint block, IP30, -20... 60 °C, plug slot WPA2/802.11i/e, observe national approvals! CERT ID: MSN-W1-RJ-E2, scope of delivery: Manuals on CD-ROM, German/English, 1x joint block; for operation outside of USA/Israel .

| transfer rate | |
|---|----------------------------|
| transfer rate | |
| with WLAN / maximum | 300 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 | 2 |
| for power supply | 1 |
| for redundant voltage supply | 1 |
| type of electrical connection | |
| for network components or terminal equipment | RJ45 socket |
| • for power supply | 4-pole screw terminal, PoE |
| design of the removable storage | |
| • C-PLUG | Yes |
| • KEY-PLUG | Yes |
| memory | |
| design of the removable storage | |
| • C-PLUG | Yes |
| • KEY-PLUG | Yes |
| interfaces / wireless | |
| number of radio cards / permanently installed | 1 |
| transmission mode / for multiple input multiple output (MIMO) | 2x2 |
| number of spatial streams | 2 |
| number of electrical connections / for external antenna(s) | 2 |
| 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 |
| supply voltage | |
| from Power-over-Ethernet acc. to IEEE802.3at for type 1 and IEEE802.3af | 48 V |
| consumed current | |
| at DC / at 24 V / typical | 0.25 A |
| with Power-over-Ethernet according to IEEE802.3at | 0.125 A |

| power loss [W] I DC / at 24 V / lypical With Power-over Ethemet according to IEEE802 3at with rype I and IEEE802 3af I / lypical supply voltage [17] I non terminal block 28.8 V ### Supply voltage [27] I non terminal block ### Supply voltage [27] I ono terminal block ### Supply voltage [27] ### Supply | for type 1 and IEEE802.3af / typical | |
|--|---|---|
| a with Power-over-Emerical according to IEEE802.3at with Power-over-Emerical according to IEEE802.3at supply voltage / 1 a torn terminal block | | |
| with Power-over-Ehrented according to IEEE802.3at for type 1 and IEEE802.3at for type 1 and IEEE802.3af / typical | | 6 W |
| for type 1 and IEEE802.3al / typical supply voltage / 2 • from terminal block supply voltage / 2 • from terminal block supply or the supply or the supply voltage / 2 • from terminal block supply voltage / 2 • during pareature • during pareatur | | |
| Supply voltage / 1 From terminal block 19.2 V | | O VV |
| supply voltage / 2 - from terminal block supply voltage / 2 - from terminal block subject voltage / 2 - from | | |
| ambient temperature • during operation • during storage • during transport relative humidity of at 25°C / without condensation / during operation / maximum ambient condition / for operation with a storage of without condensation / during operation / maximum ambient condition / for operation Withen used under hazardous conditions (Zone 2), the SCALANCE W774+ FLJ45 or W774+ RLJ45 or W774+ RL | , | 19.2 V |
| ambient temperature • during operation • during storage • during transport relative humidity of at 25°C / without condensation / during operation / maximum ambient condition / for operation with a storage of without condensation / during operation / maximum ambient condition / for operation Withen used under hazardous conditions (Zone 2), the SCALANCE W774+ FLJ45 or W774+ RLJ45 or W774+ RL | supply voltage / 2 | |
| ambient conditions ambient temperature • during storage • during transport relative humidity at 25 °C / virtiout condensation / during operation / amaximum ambient condition / for operation When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zone 2), the SCALANCE ### When used under hazardous conditions (Zon | | 28 8 V |
| ambient temperature • during operation • during storage • during transport • during storage • during transport • during transp | | |
| • during operation • during storage • Storage • during | | |
| • during storage • during transport relative humidity / at 25 °C / without condensation / during operation / maximum ambient condition / for operation When used under hazardous conditions (Zone 2), the SCALANCE W774-1 RJ45 or W734-1 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 compliance with EN 60529. protection class IP IP30 design, dimensions and weights width With 156 mm depth 156 mm depth 156 mm height 10f the enclosure / without antenna 127 mm with / of the enclosure / without antenna 147 mm height / of the enclosure / without antenna 147 mm net weight 3.52 kg fastening method 4.57-300 rail mounting Yes • 37-1500 rail mounting Yes • 37-1500 rail mounting Yes • 38 mm top hat DIN rail mounting Yes operating frequencies operating frequency • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz | • | 30 ±60 °C |
| e during transport relative humidity / at 25 °C / without condensation / during operation / maximum ambient condition / for operation When used under hazardous conditions (Zone 2), the SCALANCE W774-1 R.145 or W774-1 R.14 | | |
| relative humidity / at 25 °C / without condensation / during operation / maximum ambient condition / for operation When used under hazardous conditions (Zone 2), the SCALANCE WT74+1 RJ45 or WT34+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 compliance with EN 60529. IP30 design, dimensions and weights width 26 mm height | | |
| ambient condition / for operation When used under hazardous conditions (Zone 2), the SCALANCE W774-1 RJ45 or W734-1 RJ45 for | | |
| ambient condition / for operation When used under hazardous conditions (20ne 2), the SCALANCE W774+ RL45 or W734+ | | 91 70 |
| w774-1 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 compliance with EN 60529. protection class IP design, dimensions and weights width 26 mm height 156 mm depth 127 mm with / of the enclosure / without antenna 26 mm height / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 127 mm net weight 0.52 kg dastening method wall mounting Yes \$7-300 rail mounting Yes \$37-300 rail mounting Yes \$35 mm top hat DIN rail mounting Yes \$35 mm top hat DIN rail mounting Yes wall mounting Yes operating frequency of ravLAN in 2-4 CHz frequency band 4.9 5.8 GHz; depending on the country approvals product function / client Mode number of SSIDs product function / client Mode number of SPCA Cacess Point Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICP Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' PICH W740 iFeatures' only Product functions / management, configuration, engineering number of managemate iP addresses / in client Yes Web-based management Yes WB support WEB STANDARD AND AND AND AND AND AND AND AND AND AN | _ · | When used under hazardous conditions (Zone 2), the SCALANCE |
| requirements of at least IP 54 in compliance with EN 60529. protection class IP 1930 1 | | |
| protection class IP design, dimensions and weights width height depth depth 156 mm depth of the enclosure / without antenna height / of the enclosure / without antenna depth / of the enclosure | | |
| width 26 mm height 156 mm depth 127 mm width / of the enclosure / without antenna 26 mm height / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 127 mm net weight 0.52 kg fastening method wall mounting only if flat mounted 9.57-300 rail mounting Yes 9.57-1500 rail mounting Yes 9.35 mm top hat DIN rail mounting Yes 9.35 mm top hat DIN rail mounting Yes 9.45 mm top hat DIN rail mounting Yes 10 radio frequencies 10 operating frequency 10 for WLAN in 2.4 GHz frequency band 4.9 m. 5.8 GHz; depending on the country approvals 10 for WLAN in 5 GHz frequency band 4.9 m. 5.8 GHz; depending on the country approvals 10 product function / client Mode Yes 11 product function / client Mode Yes 12 product function / client Mode Yes 13 product function / client Mode Yes 14 product function / client Mode Yes 15 product function / client Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' Only Product function / iPRP 11 yes 12 yes 13 yes 14 yes 15 yes 16 yes 16 yes 17 yes 17 yes 18 yes 18 yes 19 yes | | |
| width height 156 mm depth 156 mm width / of the enclosure / without antenna 26 mm height / of the enclosure / without antenna 26 mm height / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 147 mm net weight | · | IP30 |
| height depth 127 mm depth 127 mm width / of the enclosure / without antenna 26 mm height / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 127 mm net weight | design, dimensions and weights | |
| depth width / of the enclosure / without antenna height / of the enclosure / without antenna depth / of the enclosure / without antenna depth / of the enclosure / without antenna 127 mm net weight depth / of the enclosure / without antenna 127 mm net weight fastening method S7-300 rail mounting S7-1500 rail mounting Wes Wall mounting Yes Wall mounting Yes Wall mounting Yes Wall mounting Yes AVAIL no 24 GHz frequency band For WLAN in 2 4 GHz frequency band For WLAN in 2 4 GHz frequency band For WLAN in 5 GHz frequency band | width | 26 mm |
| width / of the enclosure / without antenna height / of the enclosure / without antenna depth / of the enclosure / without antenna 147 mm net weight 0.52 kg fastening method • S7-300 rail mounting • S7-1500 rail mounting • S7-150 rail mounting • S7-150 rail mounting • S7 | height | 156 mm |
| height / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 127 mm net weight 0.52 kg fastering method wall mounting only if flat mounted • \$7-300 rail mounting Yes • \$7-1500 rail mounting Yes • 37 amm top hat DIN rail mounting Yes • wall mounting Yes • for WLAN in 2.4 GHz frequency band 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5 GHz frequency band 4.9 5.8 GHz; depending on the country approvals • for WLAN in 5 GHz frequency band 4.9 5.8 GHz; depending on the country approvals product function / Access Point Mode Yes product function / client Mode Yes number of SSIDs 4 product function • iPCF Access Point Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' • iPCF-MC Access Point Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' • iPCF-MC Access Point Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' • iPCF-MC client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' • iPCF-MC client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' • iPCF-MC client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' • iPCF-MC client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' • iPCF-MC client Yes; In combination with the 'KEY-PLUG W780 iFeatures' on 'KEY-PLUG W740 iFeatures' ves in combination with the 'KEY-PLUG W780 iFeatures' on 'KEY-PLUG W740 iFeatures' ves in combination with the 'KEY-PLUG W780 iFeatures' on 'KEY-PLUG W740 iFeatures' ves in combination with the 'KEY-PLUG W780 iFeatures' on 'KEY-PLUG W740 iFeatures' ves in combination with the 'KEY-PLUG W780 iFeatures' on 'KEY-PLUG W740 iFeatures' ves in combination with the 'KEY-PLUG W780 iFeatures' ves in combination with the 'KEY-PLUG W780 iFeatures' ves in co | depth | 127 mm |
| depth / of the enclosure / without antenna 127 mm net weight 0.52 kg fastening method wall mounting Yes • \$7-300 rail mounting Yes • \$7-1500 rail mounting Yes • \$87-1500 rail mounting Yes • wall mounting Yes • wall mounting Yes radio frequencies operating frequency • for WLAN in 2.4 GHz frequency band 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5.6Hz frequency band 4.9 5.8 GHz; depending on the country approvals product features, product functions, product components / general product function / cices Point Mode Yes product function / cient Mode Yes product function • PCF Access Point Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' • PCF-MC Access Point Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' • PCF-MC Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' number of iPCF-capable radio modules 1 | width / of the enclosure / without antenna | 26 mm |
| net weight 0.52 kg fastening method wall mounting only if flat mounted • \$7-300 rail mounting Yes • \$7-1500 rail mounting Yes • wall mounting Yes • wall mounting Yes radio frequencies Operating frequency operating frequency • for WLAN in 2.4 GHz frequency band 2.41 2.48 GHz; depending on the country approvals product function / Access Point Mode Yes product function / Access Point Mode Yes product function / client Mode Yes number of SSIDs 4 product function Yes • iPCF Access Point Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' • iPCF-MC Access Point Yes; Only in combination with the 'KEY-PLUG W740 iFeatures' • iPCF-MC Client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' number of iPCF-capable radio modules 1 product function / iPRP Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W740 iFeatures' number of iREF-capable radio modules 1 product function / iPRP Yes; In combination with t | height / of the enclosure / without antenna | 147 mm |
| fastening method • S7-300 rail mounting • S7-300 rail mounting • S7-300 rail mounting • S7-300 rail mounting • S8 mm top hat DIN rail mounting • s8 mm top hat DIN rail mounting • wall mounting * yes • wall mounting * yes • wall mounting * yes * radio frequencies operating frequency • for WLAN in 2.4 GHz frequency band • for WLAN in 5 GHz frequency • for WLAN in 5 GHz | depth / of the enclosure / without antenna | 127 mm |
| S7-300 rail mounting S7-1500 rail mounting S7-1500 rail mounting S7-1500 rail mounting S7-1500 rail mounting Wes S7-1500 rail mounting Wes Wall mounting Yes radio frequencies operating frequency of rWLAN in 2.4 GHz frequency band for WLAN in 2.4 GHz frequency band for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band Yes product features, product functions, product components / general product function / Access Point Mode Yes product function / Cilent Mode NPCF Access Point PPCF-MC Access Point PPCF-MC Access Point PPCF-MC Client Pes; Only in combination with the "KEY-PLUG W740 iFeatures' No PPCF-MC Client PPCF-MC Client Pes; Only in combination with the "KEY-PLUG W740 iFeatures' No PPCF-MC Client PPCF-MC Client Pes; Only in combination with the "KEY-PLUG W740 iFeatures' No PPCF-MC Client Pes; Only in combination with the "KEY-PLUG W740 iFeatures' No PPCF-MC Client Pes; Only in combination with the "KEY-PLUG W740 iFeatures' No PPCF-MC Client Pes; Only in combination with the "KEY-PLUG W740 iFeatures' No PPCF-MC Client Pes; Only in combination with the "KEY-PLUG W740 iFeatures' No PPCF-MC W740 iFeatures' No PPCF | net weight | 0.52 kg |
| • \$7-1500 rail mounting • 35 mm top hat DIN rail mounting • wall mounting • wall mounting • wall mounting • yes radio frequencies operating frequency • for WLAN in 2.4 GHz frequency band • for WLAN in 5.4 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 6 GHz frequency band • yes product function / Access Point Mode product function / Client Mode product function / Client Mode 1 PCF client • iPCF Access Point • iPCF -MC Access Point • iPCF -MC Access Point • iPCF-MC Client • iPCF-MC Client • iPCF-MC client • iPCF-C-apable radio modules 1 product function / IREF PLUG W740 iFeatures' number of iPCF-capable radio modules 1 product function / iPRP Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' number of iPCF-capable radio modules 1 product function / iPRP Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' number of iREF-capable radio modules 1 product functions / management, configuration, engineering number of manageable IP addresses / in client • CLI • web-based management • MIB support • MIB support • TRAPs via email • configuration with STEP 7 Yes | fastening method | wall mounting only if flat mounted |
| * 35 mm top hat DIN rail mounting * wall mounting * yes radio frequencies operating frequency * for WLAN in 2.4 GHz frequency band * for WLAN in 5 GHz frequency * for WLAN | S7-300 rail mounting | Yes |
| • wall mounting radio frequencies operating frequency • for WLAN in 2.4 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band product function / Access Point Mode product function / Access Point Mode product function / Client Mode number of SSIDs product function • IPCF Access Point • iPCF Access Point • iPCF-MC Access Poi | S7-1500 rail mounting | Yes |
| • wall mounting radio frequencies operating frequency • for WLAN in 2.4 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band product function / Access Point Mode product function / Access Point Mode product function / Client Mode number of SSIDs product function • IPCF Access Point • iPCF Access Point • iPCF-MC Access Poi | 35 mm top hat DIN rail mounting | Yes |
| operating frequency | | Yes |
| operating frequency | radio frequencies | |
| • for WLAN in 2.4 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band • for WLAN in 5 GHz frequency band 4.9 5.8 GHz; depending on the country approvals product function / Access Point Mode product function / Client Mode product function • iPCF Access Point • iPCF Access Point • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-Capable radio modules product function / iPRP number of iREF-capable radio modules product function / iPRP number of manageable IP addresses / in client • CLI • Wes - Configuration with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' or 'Key - CLI • Wes - CL | | |
| for WLAN in 5 GHz frequency band # 9 5.8 GHz; depending on the country approvals product function / Access Point Mode # Yes product function / client Mode # Yes number of SSIDs # Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' # iPCF Access Point # iPCF-MC Access Point # iPCF-MC Access Point # iPCF-MC dlient # iPCF-MC dlient # iPCF-MC dlient # iPCF-Access Point # iPCF-Access Point # iPCF-MC dlient # iPCF-MC dlient # iPCF-MC dlient # yes; Only in combination with the 'KEY-PLUG W740 iFeatures' **number of iPCF-capable radio modules # Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' **number of iREF-capable radio modules # Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' **number of iREF-capable radio modules # Yes; In combination with the 'KEY-PLUG W780 iFeatures' only **product function / iPRP # Yes; In combination with the 'KEY-PLUG W780 iFeatures' only **product functions / management, configuration, engineering **number of manageable IP addresses / in client **product functions / management, configuration, engineering **number of manageable IP addresses / in client **product function ** CLI ** Web-based management ** Wes ** MIB support ** Wes ** TRAPs via email ** Yes ** Configuration with STEP 7 ** Yes | | 2.41 2.48 GHz: depending on the country approvals |
| product function / Access Point Mode product function / client Mode product function / client Mode product function / client Mode product function imper of SSIDs product function iPCF Access Point iPCF Access Point iPCF-MC Access Point iPCF-MC Access Point iPCF-MC Client product function iPCF-capable radio modules product function / iREF product function / iREF product function / iREF product function / iPRP pr | | |
| product function / Access Point Mode product function / Client Mode product function / Client Mode product function important function iPCF Access Point iPCF Client iPCF-MC Access Point iPCF-MC Access Point iPCF-MC Access Point iPCF-MC Client product function iPCF-Capable radio modules product function / iREF product function / iREF product function / iPRP product | | |
| product function / client Mode number of SSIDs product function iPCF Access Point iPCF-Client iPCF-MC Access Point iPCF-MC Client ves; Only in combination with the 'KEY-PLUG W780 iFeatures' No iPCF-MC Client ves; Only in combination with the 'KEY-PLUG W740 iFeatures' No iPCF-MC Client ves; Only in combination with the 'KEY-PLUG W740 iFeatures' number of iPCF-capable radio modules product function / iREF ves; Only in combination with the 'KEY-PLUG W780 iFeatures' number of iREF-capable radio modules product function / iPRP ves; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' number of iREF-capable radio modules product function / iPRP ves; In combination with the 'KEY-PLUG W780 iFeatures' only product functions / management, configuration, engineering number of manageable IP addresses / in client product function CLI ves web-based management ves MIB support ves TRAPs via email configuration with STEP 7 | | |
| number of SSIDs product function • iPCF Access Point • iPCF client • iPCF- IRC Access Point • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC Client • iPCF-MC client • iPCF-MC client product function / iREF number of iREF-capable radio modules product function / iPRP product function / iPRP product function / iPRP product function / iPRP product function / management, configuration, engineering number of manageable IP addresses / in client • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only Product function / iPRP Yes; In combination with the 'KEY-PLUG W780 iFeatures' only 8 Product functions / management, configuration, engineering number of manageable IP addresses / in client Yes • Web-based management Yes • TRAPs via email • configuration with STEP 7 | · | |
| product function • iPCF Access Point • iPCF client • iPCF-client • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC client • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC Access Point • iPCF-MC Access • iPCF-MC | | |
| iPCF Access Point iPCF client iPCF-dient iPCF-MC Access Point iPCF-MC Access Point iPCF-MC Client ves; Only in combination with the 'KEY-PLUG W740 iFeatures' No iPCF-MC client rumber of iPCF-capable radio modules product function / iREF ves; Only in combination with the 'KEY-PLUG W740 iFeatures' rumber of iREF-capable radio modules product function / iPRP ves; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' rumber of iREF-capable radio modules product function / iPRP ves; In combination with the 'KEY-PLUG W780 iFeatures' only product functions / management, configuration, engineering rumber of manageable IP addresses / in client iPCF-MC Client ves; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W740 iFeatures' only product functions / management, configuration, engineering rumber of manageable IP addresses / in client iPCF-MC Client ves; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W740 iFeatures' only product functions / management, configuration, engineering rumber of manageable IP addresses / in client iPCF-MC Client ves; Only in combination with the 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W | | 4 |
| iPCF client iPCF-MC Access Point iPCF-MC Access Point iPCF-MC client ves; Only in combination with the 'KEY-PLUG W740 iFeatures' number of iPCF-capable radio modules product function / iREF roduct function / iPRP roduct function / iPRP roduct function / iPRP roduct function / iPRP roduct functions / management, configuration, engineering number of manageable IP addresses / in client roduct function CLI web-based management roduct function roduct function / iPRP roduct function with the 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W780 iFeatures' | · | V 01. |
| iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules product function / iREF number of iREF-capable radio modules number of iREF-capable radio modules number of iREF-capable radio modules product function / iPRP yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' product function / iPRP yes; In combination with the 'KEY-PLUG W780 iFeatures' only product functions / management, configuration, engineering number of manageable IP addresses / in client CLI yes web-based management MIB support TRAPs via email configuration with STEP 7 | | |
| • iPCF-MC client number of iPCF-capable radio modules product function / iREF number of iREF-capable radio modules product function / iPRP product function / iPRP product function / iPRP product function / iPRP product functions / management, configuration, engineering number of manageable IP addresses / in client product function • CLI • Web-based management • MIB support • TRAPs via email • configuration with STEP 7 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' or 'KEY-PLU | | |
| number of iPCF-capable radio modules product function / iREF product function / iREF number of iREF-capable radio modules product function / iPRP product function / iPRP res; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' 1 product function / iPRP res; In combination with the 'KEY-PLUG W780 iFeatures' only product functions / management, configuration, engineering number of manageable IP addresses / in client product function CLI web-based management Yes MIB support TRAPs via email configuration with STEP 7 Yes | | |
| product function / iREF Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' number of iREF-capable radio modules product function / iPRP Yes; In combination with the 'KEY-PLUG W780 iFeatures' only product functions / management, configuration, engineering number of manageable IP addresses / in client product function • CLI • web-based management • MIB support • MIB support • TRAPs via email • configuration with STEP 7 Yes | | |
| number of iREF-capable radio modules product function / iPRP Yes; In combination with the 'KEY-PLUG W780 iFeatures' only product functions / management, configuration, engineering number of manageable IP addresses / in client product function CLI web-based management MIB support MIB support TRAPs via email configuration with STEP 7 Yes | · | |
| number of iREF-capable radio modules product function / iPRP Yes; In combination with the 'KEY-PLUG W780 iFeatures' only product functions / management, configuration, engineering number of manageable IP addresses / in client product function • CLI • web-based management • MIB support • MIB support • TRAPs via email • configuration with STEP 7 Yes | product function / iREF | |
| product function / iPRP Product functions / management, configuration, engineering number of manageable IP addresses / in client Product function CLI web-based management MIB support TRAPs via email configuration vith STEP 7 Yes; In combination with the 'KEY-PLUG W780 iFeatures' only 8 Yes; In combination with the 'KEY-PLUG W780 iFeatures' only 8 Yes 8 Yes Yes Yes Yes Yes | number of iDEE conclusions district | |
| number of management, configuration, engineering number of manageable IP addresses / in client product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 Yes Yes | · | |
| number of manageable IP addresses / in client product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 8 Yes Yes Yes Yes Yes | · | · |
| product function CLI Wes Web-based management MIB support TRAPs via email Configuration with STEP 7 Yes Yes Yes | | |
| CLI web-based management MIB support TRAPs via email configuration with STEP 7 Yes Yes | | 8 |
| web-based management MIB support TRAPs via email configuration with STEP 7 Yes Yes Yes | · | |
| MIB support TRAPs via email configuration with STEP 7 Yes Yes Yes | • CLI | Yes |
| TRAPs via email configuration with STEP 7 Yes | web-based management | Yes |
| • configuration with STEP 7 Yes | MIB support | Yes |
| | TRAPs via email | Yes |
| • configuration with STEP 7 in the TIA Portal Yes | configuration with STEP 7 | Yes |
| | configuration with STEP 7 in the TIA Portal | Yes |

| operation with IWLAN controller | No |
|---|--|
| operation with Enterasys WLAN controller | No |
| forced roaming on IP down with IWLAN | Yes |
| forced roaming on link down with IWLAN | Yes |
| • WDS | Yes |
| protocol / is supported | |
| Address Resolution Protocol (ARP) | Yes |
| • ICMP | Yes |
| Telnet | Yes |
| • HTTP | Yes |
| • HTTPS | Yes |
| • TFTP | Yes |
| • DCP | Yes |
| • LLDP | Yes |
| identification & maintenance function | |
| I&M0 - device-specific information | Yes |
| I&M1 – higher level designation/location designation | Yes |
| product functions / diagnostics | |
| product function | |
| PROFINET IO diagnosis | Yes |
| link check | No |
| connection monitoring IP-Alive | No |
| localization via Aeroscout | Yes |
| | Yes |
| SysLog protocol / is supported | 165 |
| SNMP v1 | Yes |
| • SNMP v2 | Yes |
| | |
| • SNMP v3 | Yes |
| product functions / VLAN | |
| product function | |
| C C MAN CO DAM AND | V. |
| function VLAN with IWLAN | Yes |
| product functions / DHCP | Yes |
| product functions / DHCP product function | Yes |
| product functions / DHCP product function • DHCP client | Yes |
| product functions / DHCP product function • DHCP client • DHCP server | |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 | Yes |
| product functions / DHCP product function • DHCP client • DHCP server | Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 | Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy | Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported | Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP | Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP | Yes Yes Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP | Yes Yes Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security | Yes Yes Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function | Yes Yes Yes Yes Yes Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based | Yes Yes Yes Yes Yes Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based | Yes Yes Yes Yes Yes Yes Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT | Yes Yes Yes Yes Yes Yes Yes Yes Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) | Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i | Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES | Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 | Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported | Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported • SSH • RADIUS | Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported • SSH • RADIUS product functions / time | Yes |
| product function DHCP client DHCP server DHCP Option 82 product functions / redundancy protocol / is supported STP/RSTP MSTP RSTP Product functions / security product function ACL - MAC-based management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 TKIP/AES protocol / is supported SSH RADIUS product functions / time protocol / is supported | Yes |
| product functions / DHCP product function DHCP client DHCP server DHCP Option 82 product functions / redundancy protocol / is supported STP/RSTP MSTP RSTP Product functions / security product function ACL - MAC-based management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 TKIP/AES protocol / is supported SSH RADIUS product functions / time protocol / is supported NTP | Yes |
| product functions / DHCP product function • DHCP client • DHCP server • DHCP Option 82 product functions / redundancy protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported • SSH • RADIUS product functions / time protocol / is supported • NTP • SNTP | Yes |
| product functions / DHCP product function DHCP client DHCP server DHCP Option 82 product functions / redundancy protocol / is supported STP/RSTP MSTP RSTP Product functions / security product function ACL - MAC-based management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 TKIP/AES protocol / is supported SSH RADIUS product functions / time protocol / is supported NTP | Yes |

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|--|---|
| standard | FM 2044 Oleve I District C C A D C D TV C A T |
| • for FM | FM 3611: Class I, Division 2, Groups A,B,C,D, T4 / Class 1, Zone 2, Group IIC, T4 |
| for safety / from CSA and UL | UL 60950-1, CSA C22.2 No. 60950-1 |
| certificate of suitability | 02 00000 1, 007 022.2 No. 00000 1 |
| EC Declaration of Conformity | Yes |
| CE marking | Yes |
| • C-Tick | Yes |
| • E1 approval | No |
| railway application in accordance with EN 50155 | No |
| railway application in accordance with EN 50121-4 | No |
| NEMA TS2 | No |
| • IEC 61375 | No |
| • IEC 61850-3 | No |
| NEMA4X | No |
| Power-over-Ethernet according IEEE802.3at for | Yes |
| type 1 and IEEE802.3af | Yes |
| Power-over-Ethernet according to IEEE802.3at for type 2 | 165 |
| standard for wireless communication | Voc |
| • IEEE 802.11a | Yes |
| • IEEE 802.11b | Yes |
| • IEEE 802.11e | Yes |
| • IEEE 802.11g | Yes |
| • IEEE 802.11h | Yes |
| • IEEE 802.11i • IEEE 802.11n | Yes Yes |
| | |
| wireless approval | You will find the current list of countries at: www.siemens.de/funkzulassungen |
| standards, specifications, approvals / marine classificatio | on |
| Marine classification association | |
| American Bureau of Shipping Europe Ltd. (ABS) | Yes |
| French marine classification society (BV) | Yes |
| DNV GL | Yes |
| Korean Register of Shipping (KRS) | Yes |
| Lloyds Register of Shipping (LRS) | Yes |
| Nippon Kaiji Kyokai (NK) | Yes |
| Polski Rejestr Statkow (PRS) | Yes |
| Royal Institution of Naval Architects (RINA) | Yes |
| standards, specifications, approvals / hazardous environ | ments |
| standard / for hazardous zone | EN 60079-15:2005, EN 60079-0:2006, II 3 G Ex nA II T4 KEMA 07 |
| | ATEX 0145X |
| certificate of suitability / CCC / for hazardous zone according to GB standard | Yes |
| accessories | |
| accessories | 24 V DC screw terminal included in scope of delivery |
| further information / internet-Links | |
| Internet-Link | |
| • to website: TIA Selection Tool | http://www.siemens.com/tia-selection-tool |
| • to web page: selection aid TIA Selection Tool | http://www.siemens.com/tia-selection-tool |
| to the website: IWLAN | http://www.siemens.com/iwlan |
| 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 | 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 |
| security information security information | functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important component |

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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