## SIEMENS

## Data sheet

## 6GK5734-1FX00-0AB0

product type designation



W734-1 RJ45 (USA) IWLAN client, SCALANCE W734-1, 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, terminal 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 terminal

block; only for operation in USA

transfer rate		
transfer rate		
<ul> <li>with WLAN / maximum</li> </ul>	300 Mbit/s	
<ul> <li>for Industrial Ethernet</li> </ul>	10, 100 Mbit/s	
transfer rate / for Industrial Ethernet		
• minimum	10 Mbit/s	
• maximum	100 Mbit/s	
interfaces		
number of electrical connections		
<ul> <li>for network components or terminal equipment</li> </ul>	2	
<ul> <li>for power supply</li> </ul>	1	
<ul> <li>for redundant voltage supply</li> </ul>	1	
type of electrical connection		
<ul> <li>for network components or terminal equipment</li> </ul>	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		
<ul> <li>from Power-over-Ethernet acc. to IEEE802.3at for type 1 and IEEE802.3af</li> </ul>	48 V	
consumed current		

eta DC / at 24 V / typical     out DC / at 24 V / typical     out DC / at 24 V / typical     out DC / at 24 V / typical     eta DC / at 24 DC / typical     eta		
for type 1 and IEEE02.3af / typical         6           power loss (M)         6           • at DC / at 24 V / typical         6 W           • with Power-over-Ethernet according to IEEE002.3at         6 W           supply voltage / 1         9.2 V           supply voltage / 2         6 W           • from terminal block         28.8 V           ambient conditions         -40	<ul> <li>at DC / at 24 V / typical</li> </ul>	0.25 A
power loss [W]         • at DC / at 24 V / typical         6 W           • with Power-over.Ethernet according to IEEE802.3at for type 1 and IEEE802.3at / typical         6 W           supply oblage / 1         • from terminal block         19.2 V           supply oblage / 2         • from terminal block         28.8 V           ambient terminal block         28.8 V           ambient temperature         • during strange           • during strange         -40		0.125 A
et al DC / at 24 / V/ bpical               6 W             6 W	for type 1 and IEEE802.3af / typical	
• with Power-over-Ethemot according to IEEE802.3at for type 1 and IEEE802.3at / typical         6 W           supply voltage / 1         • from terminal block         19.2 V           supply voltage / 2         • from terminal block         28.8 V           ambient conditions         ambient conditions         - 40 +65 °C           • during operation         - 40 +65 °C         - 40 +65 °C           • during transport         - 40 +65 °C         - 40 +65 °C           • during transport         - 40 +65 °C         - 40 +65 °C           • during transport         - 40 +85 °C         - 40 +85 °C           • during transport         - 40 +85 °C         - 40 +85 °C           • during transport         - 40 +85 °C         - 40 +85 °C           • during transport         - 40 +85 °C         - 40 +85 °C           • during transport         - 40 +85 °C         - 40 +85 °C           • during transport         - 40 +85 °C         - 40 +85 °C           • during transport         - 40 +85 °C         - 40 +85 °C           • during transport         - 140 +85 °C         - 140 +85 °C           • during transport         - 170 +140 +145 (movint24 .	power loss [W]	
for type 1 and IEEEB02.3al / typical         supply voltage / 1            • from terminal block          supply voltage / 2            • from terminal block          ambient conditions          ambient conditions          ambient conditions          ambient conditions          ambient conditions          ambient conditions          ambient condition / for operation             • during storage             anbient condition / for operation             # during storage             protection class IP             i pr	<ul> <li>at DC / at 24 V / typical</li> </ul>	6 W
supply voltage / 1         19.2 V           • from terminal block         19.2 V           supply voltage / 2         • from terminal block         28.8 V           amblent conditions         anbient conditions           amblent conditions         -20 +60 °C           • during peration         -20 +60 °C           • during transport         -40 +85 °C           • during transport         -40 +85 °C           • during transport         -40 +85 °C           geration / maxmum         95 %           geration / maxmum         95 %           geration / maxmum         95 %           protection class IP         IP30           design, dimensions and weights         IP30           width         26 mm           height / of the enclosure / without antenna         26 mm           height / of the enclosure / without antenna         26 mm           fastening method         wall mounting only if flat mounted           s 57.300 rail mounting         Yes           s 37 mounting         Yes           s 36 mm top tot IN rail mounting         Yes           s 36 mm top tot IN rail mounting         Yes           s 36 mm top tot IN rail mounting         Yes           s 36 more pot tot IN in all		6 W
• from terminal block         19.2 V           supply voltage / 2         • from terminal block         28.6 V           ambient conditions		
supply voltage / 2         • from terminal block         ambient conditions         ambient conditions         ambient temperature         • during operation         • during storage         • during transport         -relative humble's / at 25 ° / without condensation / during         operation / maximum         ambient condition / for operation         making conditions         ambient condition / for operation         width         protection class IP         width         design, dimensions and weights         width         height         design, dimensions and weights         width         fastening method         width / of the enclosure / without antenna         127 mm         width / of the enclosure / without antenna         127 mm         width / of the enclosure / without antenna         127 mm         width / of the enclosure / without antenna         127 mm         width / of the enclosure / without antenna         127 mm         estration frequencies         operating frequency         • S7-1500 rail mounting         Yes         addo frequencies <td>supply voltage / 1</td> <td></td>	supply voltage / 1	
irom terminal block     28.8 V      ambient emperature     iduring operation     iduring transport     id	<ul> <li>from terminal block</li> </ul>	19.2 V
ambient conditions         ambient temperature         • uiring storage         • during transport         • during trans	supply voltage / 2	
ambient temperature       -20 +60 °C         • during storage       -40 +85 °C         • during transport       -40 +85 °C         • during transport       -40 +85 °C         relative humidity / at 25 °C / without condensation / during operation / maximum       95 %         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, dimonsions and weights       With         width       26 mm         height       156 mm         depth       127 mm         width / of the enclosure / without antenna       147 mm         depth / of the enclosure / without antenna       147 mm         is 67.1500 rail mounting       Yes         • 57.1500 rail mounting       Yes         valid forequencies       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 / Cleint Mode       Yes         product function / Cleint Mode       Yes	<ul> <li>from terminal block</li> </ul>	28.8 V
• during operation       -20 +60 °C         • during transport       -40 +85 °C         • during transport       -40 +85 °C         • and the state of the s	ambient conditions	
• during operation       -20 +60 °C         • during transport       -40 +85 °C         • during transport       -40 +85 °C         • and the state of the s	ambient temperature	
• during storage     -40 +85 °C       • during transport     -40 +85 °C       • during transport     -40 +85 °C       • relative humpility / at 25 °C / without condensation / during operation / maximum     95 %       • ambient condition / for operation     When used under hazardous conditions (Zone 2), the SCALANCE WY74+1 Ru46 or WY74+1 Ru40 or WY74+1		-20 +60 °C
• during transport     -40 +85 °C       relative humidity / at 25 °C / without condensation / during     95 %       ambient condition / for operation     When used under hazardous conditions (Zone 2), the SCALANCE       with ambient condition / for operation     When used under hazardous conditions (Zone 2), the SCALANCE       motion class IP     IP30       design, dimensions and weights     IP30       width     28 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     127 mm       net weight     0.52 kg       fastening method     wall mounting only if flat mounted       • \$7-300 rail mounting     Yes       • \$37-1500 rail mounting     Yes       • wall mounting     Yes       • of requencies     Torduct factures, product functions, product components / general       operating frequency     6 of WLAN in 2.4 GHz frequency band       • for WLAN in 2.4 GHz frequency band     4.9 5.8 GHz; depending on the country approvals       product function / Access Point Mode     Yes       product function / Access Point Mode     Yes       product function / Access Point Mode     Yes       product function / Access Point Mode		
relative humidity / at 25 °C / without condensation / during operation / maximum       95 %         ambient condition / for operation       When used under hazardous conditions (Zone 2), the SCALANCE W774-1 RJ45 or W734-1 RJ45 RJ54 or W734-1 RJ45 RJ45 or W734-1 RJ45 or W734-1 RJ45 re W734-1		
operation / maximum         When used under hazardous conditions (Zone 2), the SCALANCE W774-1 RJ45 or W734-1 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           width         26 mm           height         156 mm           depth         127 mm           width / of the enclosure / without antenna         28 mm           height / of the enclosure / without antenna         127 mm           methy of the enclosure / without antenna         127 mm           net weight         0.52 kg           fastening method         wall mounting           • \$7-300 rail mounting         Yes           • \$35 mm top hat DIN rail mounting         Yes           • adl mounting         Yes           • for WLAN in 2.4 CHz frequency band         2.41 2.48 CHz; depending on the country approvats           of or WLAN in 2.4 CHz frequency band         4.9 5.8 CHz; depending on the country approvats           product function / Access Point Mode         Yes           product function / Access Point Mode         Yes           product function / Access Point Mode         Yes           product function / Access Point Mode		
ambient condition / for operation       When used under hazardous conditions (Zone 2), the SCALANCE W774-1 RJ45 or W7734-1 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       26 mm         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         opth / of the enclosure / without antenna       127 mm         net weight       0.52 kg         starting       0.52 kg         wall mounting       Yes         • \$7-1500 rail mounting       Yes         • \$35 mm top hat DIN rail mounting       Yes         • for WLAN in 2.4 GHz frequency band       2.41 2.48 GHz; depending on the country approvals         operating frequency       • for WLAN in 2.4 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         product function / client Mode       Yes       Yes       Product function / client Mode         product function / client Mode       Yes       Yes       Product function / iPRP         product function / iPRP       Yes Only in combination with the 'KE		95 %
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	•	
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       26 mm         height       26 mm         depth       127 mm         width / of the enclosure / without antenna       26 mm         height / of the enclosure / without antenna       26 mm         height / of the enclosure / without antenna       127 mm         width / of the enclosure / without antenna       127 mm         net weight       0.52 kg         fastening method       wall mounting only if flat mounted         e \$7.300 rail mounting       Yes         e \$7.400 rail mounting       Yes         e wall mounting       Yes         e for WLAN in 2.4 GHz frequency band       2.41 2.48 GHz; depending on the country approvals         e 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 / Access Point Mode       Yes         product function / Cleint       Yes: Only in combination with the "KEY-PLUG W780 iFeatures' or "KEY-PLUG W740 iFeatures"         i iPCF-iNC client       Yes: Only in combination with the "KEY-PLUG W780 iFeatures' or "KEY-PLUG W740 iFeatures' only PUG W740 iFeatures' only	amplent condition / for operation	
requirements of at least IP 54 in compliance with EN 60529. protection class IP IP30 design, dimensions and weights width 26 mm height 26 mm height 156 mm depth 27 mm width 7 of the enclosure / without antenna 26 mm height / of the enclosure / without antenna 147 mm depth / of the enclosure / without antenna 0.52 kg fastening method wall mounting only if flat mounted • S7-300 rail mounting Yes • S7-1500 rail mounting Yes • s7 -1500 rail mounting Yes • wall mounting Yes • aftor frequency • for WLAN in 2.54 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 • iPCF client Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY- PLUG W740 iFeatures' • iPCF-MC client Yes; no product function / iPRP Yes; no probabilition with the 'KEY-PLUG W780 iFeatures' or 'KEY- PLUG W740 iFeatures' 1 product function / iPRP Yes; no probabilition with the 'KEY-PLUG W780 iFeatures' or 'KEY- PLUG W740 iFeatures' on 'KEY- PL		
design, dimensions and weights         width       26 mm         height       156 mm         depth       127 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         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         • \$7-300 rail mounting       Yes         • \$7.500 rail mounting       Yes         • \$35 mm top hat DIN rail mounting       Yes         • wall mounting       Yes         operating frequency       6 for WLAN in 2 4 GHz frequency band         • for WLAN in 2 4 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         product function / Access Point Mode       No         product function / client Mode       Yes         product function / client Mode       Yes         product function / client Mode       Yes: Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures		
design, dimensions and weights         width       26 mm         height       156 mm         depth       127 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         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         • \$7-300 rail mounting       Yes         • \$7.500 rail mounting       Yes         • \$35 mm top hat DIN rail mounting       Yes         • wall mounting       Yes         operating frequency       6 for WLAN in 2 4 GHz frequency band         • for WLAN in 2 4 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         product function / Access Point Mode       No         product function / client Mode       Yes         product function / client Mode       Yes         product function / client Mode       Yes: Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures	protection class IP	IP30
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         9.57.300 rall mounting           • S7-1500 rall mounting         Yes           • S7-1500 rall mounting         Yes           • wall mounting         Yes           • aso must on the the country approvals         Yes           operating frequency         4.9 5.8 GHz; depending on the country approvals           oproduct function / Access Point Mode         No           product function / Access Point Mode         No           product function / client Mode         Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'           • iPCF-MC client         Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' on		
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         net weight       0.52 kg         fastening method       wall mounting only if flat mounted         • \$7-300 rail mounting       Yes         • \$37 1500 rail mounting       Yes         • wall mounting       Yes         • or 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 / Access Point Mode       No         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' or 'WEY-PLUG W740		26 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       0.52 kg         fastening method       wall mounting only if flat mounted         • \$7-300 rall mounting       Yes         • \$7-300 rall mounting       Yes         • \$35 mm top hat DIN rail mounting       Yes         • wall mounting       Yes         • or WLAN in 2.4 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         • for WLAN in 2.4 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         product function / Access Point Mode       No         product function / Access Point Mode       No         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' or)		
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       0.52 kg         fastening method       wall mounting only if flat mounted         • \$7-300 rail mounting       Yes         • \$7-1500 rail mounting       Yes         • \$35 mm top hat DIN rail mounting       Yes         • wall mounting       Yes         • wall mounting       Yes         • wall mounting       Yes         operating frequency       for WLAN in 2.4 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       No         product function / client Mode       Yes         product function       Yes         • iPCF-MC client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' or 'KEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures'		
height / 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         • \$7-300 rail mounting       Yes         • \$7-1500 rail mounting       Yes         • \$7-1500 rail mounting       Yes         • as 5m top hat DIN rail mounting       Yes         • wall mounting       Yes         • wall mounting       Yes         • wall mounting       Yes         • of frequencies          operating frequency          • for WLAN in 5 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         • product function / Access Point Mode       No         product function / client Mode       Yes         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only <td>•</td> <td></td>	•	
depti / of the enclosure / without antenna       127 mm         net weight       0.52 kg         fastening method       wall mounting only if flat mounted         • \$7-300 rail mounting       Yes         • \$7-1500 rail mounting       Yes         • \$7-1500 rail mounting       Yes         • \$8 mm top hat DIN rail mounting       Yes         • wall mounting       Yes         • wall mounting       Yes         • or 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         product function / Access Point Mode       No         product function / Access Point Mode       Yes: Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF- Client       Yes: Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes: Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 i		
net weight       0.52 kg         fastening method       wall mounting only if flat mounted         • S7-300 rail mounting       Yes         • S7-1500 rail mounting       Yes         • S7-1500 rail mounting       Yes         • S7-1500 rail mounting       Yes         • wall mounting       Yes         • operating frequency       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         product function / Access Point Mode       No         product function / client Mode       Yes         product function / client Mode       Yes         • iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; In combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modu		
fastening method       wall mounting only if flat mounted         • S7-300 rail mounting       Yes         • S7-1500 rail mounting       Yes         • S7-1500 rail mounting       Yes         • 35 mm top hat DIN rail mounting       Yes         • wall mounting       Yes         • wall mounting       Yes         • operating frequency       • for WLAN in 2.4 GHz frequency band         • for WLAN in 5 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         product features, product functions, product components / general       product function / Access Point Mode         product function / client Mode       Yes         operating frequency       • iPCF Client         • iPCF-MC client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       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; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       8	-	
• S7-300 rail mounting       Yes         • S7-1500 rail mounting       Yes         • S7-1500 rail mounting       Yes         • 35 mm top hat DIN rail mounting       Yes         • wall mounting       Yes         radio frequencies       Yes         operating frequency       2.41 2.48 GHz; depending on the country approvals         • 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         product features, product functions, product components / general       product function / Access Point Mode         product function / Access Point Mode       No         product function / client Mode       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       number of manageable IP addresses / in client       8	net weight	0.52 kg
• S7-1500 rail mounting       Yes         • 35 mm top hat DIN 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 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 features, product functions, product components / general       product function / Access Point Mode         product function / Access Point Mode       No         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; In combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         product function / iPRP       Yes; 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' or 'KEY-PLUG W740 iFeatures' only         product function / iPRP       Yes; In co	fastening method	wall mounting only if flat mounted
• 35 mm top hat DIN rail 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 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         product features, product functions, product components / general       •         product function / Access Point Mode       No         product function / client Mode       Yes         product function       ·         • iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; 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' or 'KEY-PLUG W740 iFeatures' only         product function / iPRP       Yes; 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' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration,	<ul> <li>S7-300 rail mounting</li> </ul>	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 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         product features, product functions, product components / general         product function / Access Point Mode       No         product function / client Mode       Yes         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; 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' or 'KEY-PLUG W740 iFeatures' only         product function / iPRP       Yes; 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' o	<ul> <li>S7-1500 rail mounting</li> </ul>	Yes
radio frequencies         operating frequency         • for WLAN in 2.4 GHz frequency band         • for WLAN in 5 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         product features, product functions, product components / general         product function / Access Point Mode       No         product function / client Mode       Yes         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       1         number of manageable IP addresses / in client       8	<ul> <li>35 mm top hat DIN rail mounting</li> </ul>	Yes
operating frequency       2.41 2.48 GHz; depending on the country approvals         • for WLAN in 2.4 GHz frequency band       2.41 2.48 GHz; depending on the country approvals         product features, product functions, product components / general         product function / Access Point Mode       No         product function / client Mode       Yes         product function       • iPCF client         • iPCF-MC client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' on 'WEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'WEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'WEY-PLUG W740 iFeatures' on 'KEY-PLUG W	<ul> <li>wall mounting</li> </ul>	Yes
operating frequency       2.41 2.48 GHz; depending on the country approvals         • for WLAN in 2.4 GHz frequency band       2.41 2.48 GHz; depending on the country approvals         product features, product functions, product components / general         product function / Access Point Mode       No         product function / client Mode       Yes         product function       • iPCF client         • iPCF-MC client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' on 'WEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'WEY-PLUG W740 iFeatures' on 'KEY-PLUG W740 iFeatures' on 'WEY-PLUG W740 iFeatures' on 'KEY-PLUG W	radio frequencies	
• 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         product features, product functions, product components / general         product function / Access Point Mode       No         product function / client Mode       Yes         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       8		
• for WLAN in 5 GHz frequency band       4.9 5.8 GHz; depending on the country approvals         product features, product functions, product components / general         product function / Access Point Mode       No         product function / client Mode       Yes         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       8		2.41 2.48 CHz; depending on the country approvals
product features, product functions, product components / general         product function / Access Point Mode       No         product function / client Mode       Yes         product function       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-INC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       8		
product function / Access Point Mode       No         product function / client Mode       Yes         product function           • iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       No         number of manageable IP addresses / in client       8		
product function / client Mode       Yes         product function       -         • iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       8		
product function       iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       Number of manageable IP addresses / in client         8	product function / Access Point Mode	No
• iPCF client       Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         • iPCF-MC client       Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       Number of manageable IP addresses / in client         8	product function / client Mode	Yes
• iPCF-MC client       PLUG W740 iFeatures'         Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       1         number of manageable IP addresses / in client       8	product function	
iPCF-MC client Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY- PLUG W740 iFeatures'     1     product function / iPRP Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY- PLUG W740 iFeatures' only     product functions / management, configuration, engineering     number of manageable IP addresses / in client     8	iPCF client	
PLUG W740 iFeatures'         number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       8		PLUG W740 iFeatures'
number of iPCF-capable radio modules       1         product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering       1         number of manageable IP addresses / in client       8	<ul> <li>iPCF-MC client</li> </ul>	
product function / iPRP       Yes; In combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' only         product functions / management, configuration, engineering         number of manageable IP addresses / in client       8		
PLUG W740 iFeatures' only         product functions / management, configuration, engineering         number of manageable IP addresses / in client       8	number of iPCF-capable radio modules	1
product functions / management, configuration, engineering number of manageable IP addresses / in client 8	product function / iPRP	
number of manageable IP addresses / in client 8		
	product functions / management, configuration, enginee	ring
product function	number of manageable IP addresses / in client	8
	product function	
• CLI Yes	• CLI	Yes
web-based management     Yes	<ul> <li>web-based management</li> </ul>	Yes
• MIB support Yes	-	Yes
TRAPs via email     Yes		
configuration with STEP 7 Yes		
configuration with STEP 7 in the TIA Portal Yes	0	
	- configuration with STEP / In the HA Polla	100

• WDS	No
protocol / is supported	
Address Resolution Protocol (ARP)	Yes
ICMP	Yes
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• DCP	Yes
• LLDP	No
identification & maintenance function	
<ul> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
<ul> <li>I&amp;M1 – higher level designation/location designation</li> </ul>	Yes
product functions / diagnostics	
product function	
<ul> <li>PROFINET IO diagnosis</li> </ul>	Yes
<ul> <li>link check</li> </ul>	No
<ul> <li>connection monitoring IP-Alive</li> </ul>	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	Ver
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	
<ul> <li>ACL - MAC-based</li> </ul>	Yes
<ul> <li>management security, ACL-IP based</li> </ul>	Yes
• IEEE 802.1x (radius)	Yes
NAT/NAPT	Yes
<ul> <li>access protection according to IEEE802.11i</li> </ul>	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
<ul> <li>for safety / from CSA and UL</li> </ul>	UL 60950-1, CSA C22.2 No. 60950-1

certificate of suitability	
<ul> <li>EC Declaration of Conformity</li> </ul>	Yes
CE marking	Yes
C-Tick	Yes
<ul> <li>E1 approval</li> </ul>	No
<ul> <li>railway application in accordance with EN 50155</li> </ul>	No
NEMA TS2	No
• IEC 61375	No
• IEC 61850-3	No
NEMA4X	No
<ul> <li>Power-over-Ethernet according IEEE802.3at for type 1 and IEEE802.3af</li> </ul>	Yes
<ul> <li>Power-over-Ethernet according to IEEE802.3at for type 2</li> </ul>	Yes
standard for wireless communication	
• IEEE 802.11a	Yes
• IEEE 802.11b	Yes
• IEEE 802.11e	Yes
• IEEE 802.11g	Yes
• IEEE 802.11h	Yes
• IEEE 802.11i	Yes
• IEEE 802.11n	Yes
wireless approval	You will find the current list of countries at:
	www.siemens.de/funkzulassungen
standards, specifications, approvals / marine classificatio	n
Marine classification association	
<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	Yes
French marine classification society (BV)	Yes
• DNV GL	Yes
Korean Register of Shipping (KRS)	Yes
Lloyds Register of Shipping (LRS)	Yes
<ul> <li>Nippon Kaiji Kyokai (NK)</li> </ul>	Yes
Polski Rejestr Statkow (PRS)	Yes
Royal Institution of Naval Architects (RINA)	Yes
standards, specifications, approvals / hazardous environr	
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	
<ul> <li>to website: TIA Selection Tool</li> </ul>	http://www.siemens.com/tia-selection-tool
<ul> <li>to web page: selection aid TIA Selection Tool</li> </ul>	http://www.siemens.com/tia-selection-tool
to the website: IWLAN	http://www.siemens.com/iwlan
<ul> <li>to website: Industry Mall</li> </ul>	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
<ul> <li>to website: CAx-Download-Manager</li> </ul>	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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