SIEMENS

Data sheet

product type designation product description



IWLAN client module with DI/DO

IWLAN client, with DI/DO SCALANCE WUM763-1, 1 radio, 2.4/5 GHz, 2 R-SMA connections, iFeatures support via CLP, IEEE 802.11ax (Wi-Fi 6), 1201 Mbps (gross) 4x10/100/1000 Mbps RJ45 ports, redundant 24 V DC, terminal block, IP30, -30..+60°C, CLP slot, DI/DO, terminal block observe national approvals! CERT ID: MSAX-W1-RJ-E2 FCC ID: LYHMSAXV1 operation outside of USA/Israel scope of delivery: cover CLP slot, covers antenna connections, 3x terminal block

6GK5763-1AL00-3DA0

transfer rate		
transfer rate		
 with WLAN / maximum 	1201 Mbit/s	
 for Industrial Ethernet 	10, 100, 1000 Mbit/s	
transfer rate / for Industrial Ethernet		
• minimum	10 Mbit/s	
• maximum	1000 Mbit/s	
interfaces		
number of electrical/optical connections / for gigabit Ethernet / maximum	4	
number of electrical connections		
 for network components or terminal equipment 	4	
 for power supply 	1	
 for redundant voltage supply 	1	
type of electrical connection		
 for network components or terminal equipment 	RJ45 socket	
 for power supply 	5-pole terminal block	
design of the removable storage		
• CLP	Yes	
CLP iFeatures	Yes	
memory		
design of the removable storage		
• CLP	Yes	
CLP iFeatures	Yes	
interfaces / wireless		
number of radio cards / permanently installed	2	
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	
signal inputs/outputs		
number of digital inputs	1	
number of digital outputs	1	
type of electrical connection / at the digital inputs/outputs	2-pole terminal block in each case	
signal range / at digital input	-30 V DC 30 V	
signal range / at digital output	24 V / 0.5 A DC	
operational current / of the signaling contacts / at DC / at 30 V /	0.008 A	

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supply voltage / of the supply voltage redundant power supply, 24 V DC, 5 pole terminal block ore bit / at 24 V DS 5 A • BD (at 24 V / sleep mode / maximum D.013 A prover toss (M)	movimum	
Upe of voltage / of the supply voltage redundant power supply, 24 V DC, 6 pule terminal block consumed current 0.55 A ••••••••••••••••••••••••••••••••••••	maximum	
ordenund unrent 0.013 A • • BD C / at 24 V / stepp mode / maximum 0.013 A power hos (M) - • • BD C / at 24 V / stepp mode / maximum 0.3 W • • BD C / at 24 V / stepp mode / maximum 0.3 W • • BD C / at 24 V / stepp mode / maximum 0.3 W • • • • • • • • • • • • • • • • • • •		
• at DC / at 24 V 0.65 A power los V/ 0.613 A power los V/ 13.2 W • at DC / at 24 V / slopp mode / maximum 0.3 W suppl voltage / 1 / retad value 24 V • (at DC / at 24 V / slopp mode / maximum 0.3 W suppl voltage / 1 / retad value 24 V • (at of voltage / 1 / retad value 24 V • (at of voltage / 2 / retad value 24 V • (at of voltage / 2 / retad value 24 V • (at of ng slovage -0. • (at of ng slovage -0. • (at of ng slovage -0. • (at ng operation -0. • (at ng operation not not not not not operation not not not not not not not not not n		redundant power supply, 24 V DC, 5-pole terminal block
- • • ID C/ at 24 V/ aleep mode / maximum 0.013 A power loss [M] - • • ID C/ at 24 V 0.3 W • • • ID C/ at 24 V / aleep mode / maximum 0.3 W • • • DC / at 24 V / aleep mode / maximum 0.3 W • • • • Or vitage / 1 / rated value 24 V • • • • • • • • • • • • • • • • • • •		
power loss (N) 13.2 W ext DC / at 24 V / sleep mode / maximum 0.3 W supply voltage / 1 / rise upply voltage DC supply voltage / 1 / rise upply voltage DC supply voltage / 2 / rise upply voltage DC supply voltage / 2 / rise upply voltage DC amblent temperature - 4.60 °C - 4.01 rg operation - 4.60 °C - 6.01 rg operation - 4.60 °C - 6.01 rg operation - 1.77 rm - 6.01 rg operation - 1.77 rm		
it DC / it 24 V it DC / it 24 V / it des upply voltage DC supply voltage / 1 / rated value voltage / 2 / rated value DC voltage / 2 / rated value voltage / 2	· · · · · · · · · · · · · · · · · · ·	0.013 A
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• type of voltage / 1 of the supply voltage DC • type of voltage / 2 / of the supply voltage DC • amident temperature	•	
supply voltage / 2 / rated value 24 V • type of voltage / 2 / rated value DC ambient conditions DC ambient conditions DC adving tortage / 2 / of the supply voltage DC adving tortage / 2 / of the supply voltage / 2 / 0 +85 °C - • during tortage / 2 / voltatout condensation / during operation / adving tortage / 40 +85 °C - • during tortage / 2 / voltatout condensation / during operation / maximum 90 % operation / maximum 90 % operation / maximum 35 mm voltable 137 mm deelph 137 mm deelph 137 mm deelph / of the enclosure / without antenna 135 mm beght / of the enclosure / without antenna 137 mm fastering method velotic / velotic maximum off of the during anterna 137 mm eff of the neclosure / without antenna 137 mm eff of the neclosure / without antenna 132 mm velotic forquence velotic kase eff of the neclosure / without antenna 132 mm veligh 0.66 kg		
Project violage / 2 / of the supply voltage DC amblent temperature		
ambient conditions amber temperature of uring operation of uring operation of uring operation of uring transport of uring trans		
ambient temperature • during storage • during transport • during storage • during transport • during transp		
• during speration -30 +80 °C • during storage -40 +85 °C • during transport -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 90 % protection class IP 90 % design, dimensions and weights IP30 design, dimensions and weights IP30 width 157 mm leight 157 mm leight 157 mm leight / of the enclosure / without antenna 35 mm height / of the enclosure / without antenna 152 5 mm depth of the enclosure / without antenna 153 7 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm eight / of the enclosure / without antenna 152 5 mm		
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- during transport 40 + 85 °C relative humidity / at 25 °C humbout condensation / during operation / maximum 90 % protection class IP IP30 design dimensions and weights IP30 design dimensions and weights 35 mm height // of the enclosure / without antenna 35 mm height // of the enclosure / without antenna 35 mm height // of the enclosure / without antenna 137 mm expth / of the enclosure / without antenna 137 mm expth / of the enclosure / without antenna 137 mm net weight 0.65 kg fastening method adapter: 0° installation on DIN rail expth // of the enclosure / without antenna 137 mm expth // of the enclosure / without antenna 137 mm expth // of the enclosure / without antenna 137 mm expth // of the enclosure / without antenna 137 mm expth // of the enclosure / without antenna 137 mm expth // of the enclosure / without antenna 137 mm expth // of the enclosure / without antenna 137 mm expth // of the enclosure // without antenna 241 2.48 GHz, depending on the country approvals <td></td> <td></td>		
relative handlifty / at 25 °C / without condensation / during operation / maximum 90 % operation / maximum IP30 design, dimensions and weights IP30 design, dimensions and weights 35 mm width 157 mm depth 137 mm width / of the enclosure / without antenna 137 mm height / of the enclosure / without antenna 137 mm net weight 0.65 kg if astening method wall mounting, DIN rail, mounting rail 57-300, mounting rail 57-1500, with adapter: 50° installation on DIN rail • 57-300 rail mounting Yes • 57-1500 rail mounting Yes • 57-1500 rail mounting Yes • 67 WLAN in 2.4 GHz frequency band 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5.4 GHz frequency band 4.9 5.8 GHz; depending on the country approvals product function / Access Point Mode No • POFC-2 access Point Mode No • POFC Access Point Mode Yes • POFC Access Point No • POFC Access Point Yes • POFC Access Point Yes • POFC Access Po		
operation / maximum P30 protection class IP IP30 design, dimensions and weights 35 mm width 35 mm height 157 mm depth 137 mm width / of the enclosure / without antenna 35 mm height / of the enclosure / without antenna 132.5 mm edpth / of the enclosure / without antenna 137 mm net weight 0.65 kg fastening method vali mounting. DN rail, mounting rail 57-300, mounting rail 57-300, with adapter: 90° installation on DIN rail • S7-300 rail mounting Yes • S7-1000 rail mounting Yes • 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 S.8 GHz; depe		
design_dimensions and weights width 35 mm height 157 mm depth 137 mm width / of the enclosure / without antenna 35 mm height / of the enclosure / without antenna 152 5 mm depth / of the enclosure / without antenna 137 mm depth / of the enclosure / without antenna 137 mm depth / of the enclosure / without antenna 137 mm fastering method wall mounting. DIN rail, mounting rail \$7-300, mounting rail \$7-1500, with adapter: 90° installation on DIN rail e.S7-300 rail mounting Yes * S7-300 rail mounting Yes * S7-300 rail mounting Yes * S7-1500 rail mounting Yes * and mounting Yes radio frequency * of WLAN in 2 A GHz frequency band 2.41 2.48 GHz; depending on the country approvals * for WLAN in 5 GHz frequency band 2.41 2.48 GHz; depending on the country approvals product function / clent Mode No product functin No	operation / maximum	90 %
width 35 mm height 157 mm depth 137 mm width / of the enclosure / without antenna 35 mm height / of the enclosure / without antenna 152 mm depth / of the enclosure / without antenna 137 mm net weight 0.65 kg fastening method wail mounting, DIN rail, mounting rail \$7-300, mounting rail \$7-1500, with adapter: 00 installation on DIN rail • \$7-300 rail mounting Yes • for WLAN in 2 A GHz frequency band 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5 GHz frequency band 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5 GHz frequency band 4.9.9 • for WLAN in 5 GHz frequency band Yes • product function / clent Mode Yes		IP30
height 157 mm depth 137 mm width / of the enclosure / without antenna 35 mm height / of the enclosure / without antenna 152.5 mm depth / of the enclosure / without antenna 137 mm net weight 0.65 kg fastening method with all mounting. DIN rail mounting rail \$7-300, mounting rail \$7-1500, with adapter: 90° installation on DIN rail • \$7-300 rail mounting Yes • \$7-500 rail mounting Yes • \$7-1500 rail mounting Yes product function / Clent Mode No • for WLAN in \$2 H2 requerey band 1 • IPCF-2 access poin	design, dimensions and weights	
Jac depth 137 mm wdth / of the enclosure / without antenna 35 mm height / of the enclosure / without antenna 152.5 mm depth / of the enclosure / without antenna 137 mm net weight 0.66 kg fastening method wall mounting, DIN rail, mounting rail 57-300, mounting rail 57-1500, with adapter: 90° installation on DIN rail • S7-300 rail mounting Yes • S7-4500 rail mounting Yes • of rVLAN 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 / Access Point Mode No • IPCF-2 access Point No • IPCF-2 access Point Yes; IPCF-2 is not compatible with IPCF. See documentation for function description.	width	35 mm
width / of the enclosure / without antenna 35 mm height / of the enclosure / without antenna 132,5 mm depth / of the enclosure / without antenna 137 mm net weight 0.65 kg fastening method wall mounting, DN rail, mounting rail \$7-300, mounting rail \$7-1500, with adapter: 90° installation on DIN rail • \$7-300 rail mounting Yes • and mounting Yes • or MLAN in 2.4 Oft2 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 / Cleent Mode Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF Access Point Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPC	height	157 mm
height / of the enclosure / without antenna 152.5 mm depth / of the enclosure / without antenna 137 mm net weight 0.65 kg fastening method wall mounting, DIN rail, mounting rail S7-300, mounting rail S7-1500, with adapter: 80° installation on DIN rail e.S7-300 rail mounting Yes • S7-1500 rail mounting Yes • S7-1500 rail mounting Yes • wall mounting Yes • wall mounting Yes • avail mounting Yes • avail mounting Yes • for WLAN in 2.4 GHz frequency band 4.9 5.8 GHz; depending on the country approvals of requencies 2.41 2.48 GHz; depending on the country approvals product function / Access Point Mode No product function / Access Point Mode Yes • IPCF Access Point No • IPCF Access Point Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • IPCF Cacess Point Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • IPCF Calent Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • IPCF function / IPRP Yes • Product function /	depth	137 mm
depth / of the enclosure / without antenna 137 mm net weight 0.65 kg fastening method wall mounting, DN rail, mounting rail S7-300, mounting rail S7-1500, with adapter: 90° installation on DIN rail • S7-300 rail mounting Yes • S7-500 rail mounting Yes • S7-500 rail mounting Yes • s0 rail mounting Yes • s1 for WLAN in 5.4 GHz frequency band 2.41 2.48 GHz; depending on the country approvals product function / Access Point Mode No product function / Access Point Mode No • iPCF Access Point Yes • iPCF-2 access point Yes iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF client No • iPCF-2 client Yes	width / of the enclosure / without antenna	35 mm
net weight 0.65 kg fastening method wall mounting, DIN rail, mounting rail S7-300, mounting rail S7-1500, with adapter: 90 installation on DIN rail • S7-300 rail mounting Yes • S7-300 rail mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes • wall mounting Yes • wall mounting Yes • vall mounting Yes • or WLAN in 5 GHz frequency band 2.41 2.48 GHz; depending on the country approvals product function / Access Point Mode No product function / client Mode No • iPCF-2 access Point Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client No • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes • outfurntion Yes • outfurntion	height / of the enclosure / without antenna	152.5 mm
fastening method wall mounting, DIN rail, mounting rail S7-300, mounting rail S7-1500, with adapter: 90' installation on DIN rail • S7-3500 rail mounting Yes • S7-1500 rail mounting Yes • S7 mt top hat DIN rail mounting Yes • wall mounting Yes • dor MLAN in 2.4 GHz frequency band 2.41 2.48 GHz; depending on the country approvals • for WLAN in 5.24 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 • iPCF Access Point Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • iPCF client No • iPCF 2 client Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • iPCF client Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • iPCF client Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • iPCG client Yes; Yes • outfunction / IPRP Yes • outfunction Yes <td>depth / of the enclosure / without antenna</td> <td>137 mm</td>	depth / of the enclosure / without antenna	137 mm
adapter: 90° installation on DIN rail • S7-300 rail mounting Yes • S7-1500 rail mounting Yes • S7-71500 rail mounting Yes • vall mounting Yes • vall mounting Yes • vall mounting Yes • vall 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 Yes product function / client Mode Yes • iPCF-2 access Point Mode Yes • iPCF-2 client No • iPCF-2 client Yes; IPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes • iPCF-2 client Yes • iPCF-2 client Yes • iPCF-2 lient Yes • iPCF-2 sinct compatible with iPCF. See documentation for function description. • iPCF-2 lient Yes • iPCF-2 sinct function / IPRP Yes • iPCF-2 with function / IPRP Yes • output function with STEP 7 Yes </td <td>net weight</td> <td>0.65 kg</td>	net weight	0.65 kg
• S7-1500 rail mounting Yes • 35 mm top hat DIN rail mounting Yes • wall mounting Yes • wall mounting Yes • wall mounting Yes • dof 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 function / Access Point Mode No product function / client Mode Yes • IPCF Access Point No • IPCF Access point No • IPCF client No • IPCF client No • IPCF client Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • IPCF client Yes; IPCF-2 is not compatible with IPCF. See documentation for function description. • IPCF client Yes • IPCF access point Yes • IPCF client Yes • IPCF client Yes • IPCduct function / IPRP Yes • wob-based management Yes • WIB support Yes • WB suport Yes	fastening method	
• 35 mm top hat DIN all mounting Yes • wall mounting Yes radio frequencies	 S7-300 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 function / Access Point Mode No product function / client Mode Yes number of SSIDs 1 or PCF-2 access Point No • iPCF-2 access Point No • iPCF-2 access point Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes • iPCF-2 client Yes • iPCF-2 access / in client 2 product function / IPRP Yes product function 2 • iPCF-2 kinent Yes • cLl Yes • cLl Yes • web-based management Yes • MIB support Yes • KIBS upport Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	 S7-1500 rail mounting 	Yes
radio frequencies operating frequency • for WLAN in 2.4 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 number of SSIDs 1 product function / client Mode Yes; number of SSIDs 1 number of SSIDs 1 of PCF-2 access point Yes; IPCF-2 is not compatible with iPCF. See documentation for function description. of PCF-2 client No of PCF-2 client Yes; IPCF-2 is not compatible with iPCF. See documentation for function description. product function / IPRP Yes product functions / management, configuration, engineering 2 product function 2 product function 2 product function Yes No Yes <td> 35 mm top hat DIN rail mounting </td> <td>Yes</td>	 35 mm top hat DIN rail mounting 	Yes
operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequencies for WLAN in 5 GHz frequency band for WLAN in 5 GHz frequ	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 product factures, product functions, product components / general product function / Access Point Mode product function / client Mode Yes number of SSIDs 1 product function 1 order factures, product function / client Mode Yes order factors No product function 1 order factors No product function 1 order factors Yes order factors No order factors No order factors Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. order function / iPRP Yes product function / iPRP Yes product function 2 product function Yes order factors Yes order factors Yes order factors Yes order factors Yes order factor	radio frequencies	
• 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 number of SSIDs 1 product function No • iPCF Access Point No • iPCF-2 access point Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF client No • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. product function / iPRP Yes product function / iPRP Yes product function 2 product function Yes • web-based management Yes • web-based management Yes • web-based management Yes • CLI Yes • mIB support Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes	operating frequency	
product features, product functions, product components / general product function / Access Point Mode No product function / client Mode Yes number of SSIDs 1 product function 1 iPCF Access Point No • iPCF -2 access point Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF -2 client No • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. product function / iPRP Yes product function / iPRP Yes product function 2 product function 2 product function 2 product function Yes • CLI Yes • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	 for WLAN in 2.4 GHz frequency band 	2.41 2.48 GHz; depending on the country approvals
product function / Access Point Mode No product function / client Mode Yes number of SSIDs 1 product function Image: State St	• for WLAN in 5 GHz frequency band	4.9 5.8 GHz; depending on the country approvals
product function / client Mode Yes number of SSIDs 1 product function 1 • iPCF Access Point No • iPCF-2 access point Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF client No • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. product function / iPRP Yes product function / iPRP Yes product function 2 product function 2 product function 2 integer function Yes • CLI Yes • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	product features, product functions, product components / gene	eral
number of SSIDs 1 product function No • iPCF Access Point No • iPCF-2 access point Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF client No • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. • iPCF-2 client Yes; iPCF-2 is not compatible with iPCF. See documentation for function description. product function / iPRP Yes product function / iPRP Yes product function 2 product function 2 product function Yes • CLl Yes • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	product function / Access Point Mode	No
product functionNo• iPCF Access PointNo• iPCF-2 access pointYes; iPCF-2 is not compatible with iPCF. See documentation for function description.• iPCF clientNo• iPCF-2 clientYes; iPCF-2 is not compatible with iPCF. See documentation for function description.product function / iPRPYesproduct function / iPRPYesnumber of manageable IP addresses / in client2product function• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo	product function / client Mode	Yes
• iPCF Access PointNo• iPCF-2 access pointYes; iPCF-2 is not compatible with iPCF. See documentation for function description.• iPCF clientNo• iPCF-2 clientYes; iPCF-2 is not compatible with iPCF. See documentation for function description.product function / iPRPYesproduct function / iPRPYesnumber of manageable IP addresses / in client2product functionYes• CLIYes• cCLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo	number of SSIDs	1
• iPCF-2 access pointYes; iPCF-2 is not compatible with iPCF. See documentation for function description.• iPCF clientNo• iPCF-2 clientYes; iPCF-2 is not compatible with iPCF. See documentation for function description.product function / iPRPYesproduct functions / management, configuration, engineeringYesnumber of manageable IP addresses / in client2product function • CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo	product function	
eiPCF clientdescription.• iPCF clientNo• iPCF-2 clientYes; iPCF-2 is not compatible with iPCF. See documentation for function description.product function / iPRPYesproduct functions / management, configuration, engineering number of manageable IP addresses / in client2product function2product functionYesoc CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo	iPCF Access Point	No
• iPCF-2 clientYes; iPCF-2 is not compatible with iPCF. See documentation for function description.product function / iPRPYesproduct functions / management, configuration, engineering2number of manageable IP addresses / in client2product functionYes• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo	iPCF-2 access point	
description. product function / iPRP Yes product functions / management, configuration, engineering 2 number of manageable IP addresses / in client 2 product function 2 or CLI Yes • Web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	iPCF client	No
product functions / management, configuration, engineering number of manageable IP addresses / in client 2 product function 2 • CLI Yes • web-based management Yes • MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	• iPCF-2 client	
number of manageable IP addresses / in client 2 product function	product function / iPRP	Yes
number of manageable IP addresses / in client 2 product function	product functions / management, configuration, engineering	
product functionYes• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo		2
• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo		
• MIB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	• CLI	Yes
• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• configuration with STEP 7 in the TIA PortalYes• WDSNo	web-based management	Yes
• configuration with STEP 7 Yes • configuration with STEP 7 in the TIA Portal Yes • WDS No	MIB support	Yes
configuration with STEP 7 in the TIA Portal Yes WDS No	• TRAPs via email	Yes
configuration with STEP 7 in the TIA Portal Yes WDS No	 configuration with STEP 7 	Yes
• WDS No	-	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
SysLog	Yes
protocol / is supported	
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
product functions / VLAN	
product function	
function VLAN with IWLAN	Yes
number of VLANs / maximum	24
product functions / DHCP	
product function	
DHCP client	Yes
product functions / redundancy	
protocol / is supported	
STP/RSTP	Yes
• MSTP	Yes
RSTP	Yes
product function	Vec
redundancy procedure MSTP	Yes
product functions / security	
product function	
management security, ACL-IP based	No
 management security, ACL-IP based IEEE 802.1x (radius) 	Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT 	Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i 	Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 	Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 	Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES 	Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 	Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES 	Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client 	Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported 	Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH 	Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length 	Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL 	Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time	Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported 	Yes Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported NTP 	Yes Yes Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported SNTP SIMATIC time synchronization (SIMATIC Time) 	Yes Yes Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported SNTP SIMATIC time synchronization (SIMATIC Time) standards, specifications, approvals 	Yes Yes Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported SNTP SIMATIC time synchronization (SIMATIC Time) standards, specifications, approvals certificate of suitability 	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported NTP SIMATIC time synchronization (SIMATIC Time) standards, specifications, approvals certificate of suitability EC Declaration of Conformity 	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported SNTP SIMATIC time synchronization (SIMATIC Time) standards, specifications, approvals certificate of suitability EC Declaration of Conformity CE marking 	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported SNTP SIMATIC time synchronization (SIMATIC Time) standards, specifications, approvals certificate of suitability EC Declaration of Conformity CE marking standard for wireless communication 	Yes Yes Yes Yes Yes Yes 4096 bit Yes Yes Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported SNTP SIMATIC time synchronization (SIMATIC Time) standards, specifications, approvals certificate of suitability EC Declaration of Conformity CE marking standard for wireless communication IEEE 802.11a 	Yes Yes
 management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 WPA3 TKIP/AES RADIUS client protocol / is supported SSH key length with SSL product functions / time protocol / is supported SNTP SIMATIC time synchronization (SIMATIC Time) standards, specifications, approvals certificate of suitability EC Declaration of Conformity CE marking standard for wireless communication 	Yes Yes Yes Yes Yes Yes 4096 bit Yes Yes Yes Yes

• IEEE 802.11g	Yes
• IEEE 802.11h	Yes
• IEEE 802.11i	Yes
• IEEE 802.11n	Yes
• IEEE 802.11ac	Yes
• IEEE 802.11ax	Yes
• IEEE 802.11r	Yes
MTBF	26 a
reference temperature	40 °C
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	
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 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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