

product type designation

product description



WUM763-1

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

Technical Product Detail Page

<https://l.siemens.com/1P6GK5763-1AL00-3DA0>

suitability for use

www.siemens.com/iwlan

transfer rate

transfer rate

- | | |
|---------------------------|----------------------|
| • with WLAN / maximum | 1201 Mbit/s |
| • for Industrial Ethernet | 10, 100, 1000 Mbit/s |

interfaces

- | | |
|--|-----------------------|
| number of electrical/optical connections / for network components or terminal equipment / maximum / note | 4 |
| 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 |

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 |
| input voltage / at digital input / at DC | -30 ... +30 V |
| output voltage / at digital output / at DC / maximum | 24 V; 0,5 A |
| operational current / of the signaling contacts / at DC / at 30 V / maximum | 0.008 A |

supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	redundant power supply, 24 V DC, 5-pole terminal block
consumed current	
• at DC / at 24 V	0.55 A
• at DC / at 24 V / sleep mode / maximum	0.013 A
power loss [W]	
• at DC / at 24 V	13.2 W
• at DC / at 24 V / sleep mode / maximum	0.3 W
supply voltage / 1 / rated value	24 V
supply voltage / 2 / rated value	24 V
ambient conditions	
ambient temperature	
• during operation	-30 ... +60 °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	IP30
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
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
• S7-1500 rail mounting	Yes
• 35 mm 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
number of SSIDs	1
product function	
• 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.
product function / iPRP	Yes
product functions / management, configuration, engineering	
number of manageable IP addresses / in client	2
product function	
• CLI	Yes
• web-based management	Yes
• MIB support	Yes
• TRAPs via email	Yes
• configuration with STEP 7	Yes
• configuration with STEP 7 in the TIA Portal	Yes
• WDS	No
protocol / is supported	
• Address Resolution Protocol (ARP)	Yes

<ul style="list-style-type: none"> • ICMP • Telnet • HTTP • HTTPS • TFTP • DCP • LLDP 	Yes
identification & maintenance function	
<ul style="list-style-type: none"> • I&M0 - device-specific information • I&M1 - higher level designation/location designation 	Yes
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
product functions / diagnostics	
product function	
<ul style="list-style-type: none"> • PROFINET IO diagnosis • SysLog 	Yes
protocol / is supported	
<ul style="list-style-type: none"> • SNMP v1 • SNMP v2 • SNMP v3 	Yes
product functions / VLAN	
product function	
<ul style="list-style-type: none"> • function VLAN with IWLAN 	Yes
number of VLANs / maximum	24
product functions / DHCP	
product function	
<ul style="list-style-type: none"> • DHCP client 	Yes
product functions / redundancy	
protocol / is supported	
<ul style="list-style-type: none"> • STP/RSTP • MSTP • RSTP 	Yes
product function	
<ul style="list-style-type: none"> • redundancy procedure MSTP 	Yes
product functions / security	
product function	
<ul style="list-style-type: none"> • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • WPA3 • TKIP/AES • RADIUS client 	No
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
protocol / is supported	
<ul style="list-style-type: none"> • SSH 	Yes
key length	
<ul style="list-style-type: none"> • with SSL 	4096 bit
product functions / time	
protocol / is supported	
<ul style="list-style-type: none"> • NTP • SNTP • SIMATIC time synchronization (SIMATIC Time) 	Yes
	Yes
	Yes
standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> • EC Declaration of Conformity • CE marking 	Yes
	Yes
standard for wireless communication	
<ul style="list-style-type: none"> • IEEE 802.11a 	Yes

<ul style="list-style-type: none"> • IEEE 802.11b • IEEE 802.11e • IEEE 802.11g • IEEE 802.11h • IEEE 802.11i • IEEE 802.11n • IEEE 802.11ac • IEEE 802.11ax • IEEE 802.11r 	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
MTBF	26 a
<ul style="list-style-type: none"> • reference temperature 	40 °C
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
<ul style="list-style-type: none"> • total • during manufacturing • during operation • after end of life 	390.86 kg 29.7 kg 361 kg 0.16 kg
further information / internet links	
internet link	
<ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: WLAN country approval • to the website: IWLAN • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/wireless-approvals https://www.siemens.com/iwlan https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
security information	
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Approvals / Certificates	
General Product Approval	
 	Declaration of Conformity 
	Manufacturer Declaration China RoHS
General Product Approval	For use in hazardous locations



[Type Examination Certificate](#)



[CCC-Ex](#)



Radio Equipment Type Approval Certificate

Environment



[Miscellaneous](#)



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