

# FL WLAN SPA - Wireless module

2884761

<https://www.phoenixcontact.com/us/products/2884761>

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WLAN Serial Port Adapter, as a wireless connection from a serial interface to a WLAN Access Point.

## Commercial data

Item number	2884761
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNN2W3
GTIN	4046356173094
Weight per piece (including packing)	237.1 g
Weight per piece (excluding packing)	237.1 g
Customs tariff number	85176200
Country of origin	SE

## Technical data

### Product properties

#### Wireless card

Number	1
Type	IEEE 802 11b/g, 2.4 GHz to 54 Mbps
Assembly note	Permanently installed

### Electrical properties

Maximum power dissipation for nominal condition	4.8 W
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#### Supply: Module electronics

Connection method	Via COMBICON
Supply voltage	24 V DC
Supply voltage range	9 V DC ... 30 V DC
Supply current	200 mA

### Interfaces

#### Antenna

Number	1
Connection method	SMA (female)

#### Functions

Operating modes	Client adapters
Configuration	By means of AT commands
Automatic channel selection	yes
Security	802.11i
	WPA PSK (preshared key)
	WPA2 PSK
	AES
	WEP 64 bit/128 bit
	TKIP
Wireless licenses	Europe, additional countries in the e-shop
Country support	Australia (Special rule: Please contact the Product Manager)
	Belgium
	Bulgaria
	Denmark
	Germany
	Estonia
	Finland
	France
	Greece
	Great Britain

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	Ireland
	Iceland
	Italy
	Latvia
	Liechtenstein
	Lithuania
	Luxembourg
	Malta
	Netherlands
	Norway
	Austria
	Poland
	Portugal
	Romania
	Russia (Special rule: Please contact the Product Manager)
	Sweden
	Switzerland
	Slovakia
	Slovenia
	Spain
Hungary	
Cyprus (rep.)	

## Serial

Connection method	D-SUB 9 plug
Protocols supported	RS-232, RS-485, RS-422

## Wireless

Designation	Wireless LAN
Antenna connection method	SMA (male)
Frequency band	2.4 GHz
Wireless standard	WLAN
	IEEE 802.11
	b
	g
Transmission power	14 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 b/g
Wireless modules that can be connected	1

## Dimensions

Width	80 mm
Height	65 mm
Depth	25 mm

## Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-25 °C ... 55 °C
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above sea level)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 90 % (non-condensing)

## Mechanical test

Shock in accordance with EN 60068-2-27/IEC 60068-2-27	25g
Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	5g

## Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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## Mounting

Mounting type	Panel mounting, optional DIN rail mounting
	DIN rail mounting
Assembly note	Exchangeable

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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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