

FL WLAN 24 EC 802-11-US - Wireless module



2700449

<https://www.phoenixcontact.com/ae/products/2700449>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



WLAN client for the USA and Canada, 24 V DC, PoE; IEEE 802.11 a/b/g; 2.4 GHz; 5 GHz, client adapter; antenna diversity; web-based management; 802.11i, WPA2, WPA-PSK, RADIUS, WEP, TKIP, AES

Your advantages

- Protocol-transparent communication on Layer 2
- 2.4 GHz and 5 GHz supported
- Maximum security according to IEEE 802.11i with AES encryption
- Integrated special antenna (EPA)

Commercial data

Item number	2700449
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CNN
Product key	DNN2W1
Catalog page	Page 127 (AX-2011)
GTIN	4046356553032
Weight per piece (including packing)	1.3 kg
Weight per piece (excluding packing)	1.3 kg
Customs tariff number	85176200
Country of origin	DE

FL WLAN 24 EC 802-11-US - Wireless module



2700449

<https://www.phoenixcontact.com/ae/products/2700449>

Technical data

Product properties

Product type	Wireless module
Type	Stand-Alone

Wireless card

Number	1
Type	IEEE 802.11a/b/g, 2.4 and 5 GHz to 54 Mbps
Assembly note	Permanently installed

Electrical properties

Maximum power dissipation for nominal condition	9.6 W
---	-------

Supply: Module electronics

Connection method	Via COMBICON
Supply voltage	24 V DC (PoE)
Supply voltage range	18.5 V DC ... 30.5 V DC
Supply current	400 mA (Recommended protection 2AT)

Interfaces

Ethernet

Interface	Ethernet
Number	1
Connection method	RJ45 jack

Antenna

Number	2
Connection method	RSMA (male)

Functions

Operating modes	Ethernet client adapter
Configuration	Multilingual web-based interface (German/English) under http or https, with password protection
Automatic channel selection	yes
Quality of service (QoS)	Yes
Virtual LAN (VLAN) support 802.1Q	yes
Security	WEP 64 bit/128 bit
	WEPplus
	WPA TKIP
	802.11i WPA2 (RSN,AES)
	WPA PSK (preshared key)
	WPA group & master rekeying
Wireless licenses	USA, Canada
Country support	USA

2700449

<https://www.phoenixcontact.com/ae/products/2700449>

	Canada
--	--------

Wireless

Designation	Wireless card
Antenna connection method	RSMA (female)
Frequency band	2.4 GHz
	5 GHz
Wireless standard	WLAN
	IEEE 802.11
	a
	b
	g
	h
Transmission power	20 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 a/b/g
Wireless modules that can be connected	256 (More than)

Dimensions

Width	159 mm
Height	250 mm
Depth	65 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-20 °C ... 55 °C
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above sea level)
Permissible humidity (operation)	10 % ... 85 % (non-condensing)

Standards and regulations

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

Mounting

Mounting type	Adapter plate
	Wall mounting on adapter plate
Assembly note	External OMNI omnidirectional antenna, the antennas can be exchanged

FL WLAN 24 EC 802-11-US - Wireless module



2700449

<https://www.phoenixcontact.com/ae/products/2700449>

Environmental product compliance

EU REACH SVHC

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

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Middle East FZ LLC
1201N-1206N, Dubai Science Park Towers – North
P.O. Box 345002, Dubai, United Arab Emirates
(+971) 4 437-0324
info-me@phoenixcontact.com