

RAD-80211-XDB - Access point

2990011

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WLAN access point, 24 V DC; IEEE 802.11 a/b/g; 2.4 GHz; 5 GHz, client adapter, bridge; antenna diversity; Wi-Fi compliant; web-based management; 802.11i, DIN rail mounting, without antenna

Your advantages

- Protected against manipulation and tapping
- High performance and reliability
- Long range
- Excellent integration in automation systems

Commercial data

Item number	2990011
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNN2W2
GTIN	4046356323178
Weight per piece (including packing)	327.8 g
Weight per piece (excluding packing)	327.8 g
Customs tariff number	85176200
Country of origin	CA

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Technical data

Product properties

Product type	Wireless module
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Electrical properties

Supply: Module electronics

Connection method	Via COMBICON
Supply voltage	24 V DC
Supply voltage range	9 V DC ... 30 V DC
Supply current	215 mA (24 V DC) 468 mA (9 V DC)

Interfaces

Ethernet

Number	1
Connection method	RJ45 jack

Antenna

Number	1
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Functions

Operating modes	Access point, client, bridge
Configuration	Web-based management
Automatic channel selection	yes
Security	WEP 64 bit/128 bit WPA TKIP 802.11i WPA2 (AES) WPA PSK (preshared key)
Wireless licenses	Americas, more countries in E-shop
Country support	USA Canada
Connection method	D-SUB-9, COMBICON
Protocols supported	RS-232, RS-485, RS-422

Wireless

Antenna connection method	2x MCX (female)
Frequency band	2.4 GHz 5 GHz
Wireless standard	IEEE 802.11 a b g h

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Transmission power	20 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 a/b/g

Dimensions

Width	45 mm
Height	99 mm
Depth	113 mm

Material specifications

Color	green
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 65 °C
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above sea level)
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

Approvals

Conformity/Approvals

UL, USA / Canada	Class I, Div. 2, Groups A, B, C, D T5
FCC	Part 15

Mounting

Mounting type	DIN rail mounting
Assembly note	Antenna not included

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Environmental product compliance

EU REACH SVHC

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