

# PSI-WL-PLUG-RS232/BT - Bluetooth converter



2708494

<https://www.phoenixcontact.com/us/products/2708494>

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.

RS-232 Bluetooth adapter for direct assembly on 9-pos. serial ports. Internal antenna Supply 5 V DC via separate plug-in power supply unit or adapter set.



## Commercial data

Item number	2708494
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNC661
GTIN	4017918974152
Weight per piece (including packing)	116.6 g
Weight per piece (excluding packing)	116.6 g
Customs tariff number	85176200
Country of origin	SE

## Technical data

### Product properties

Product type	Adapter
Application	RS-232/Bluetooth

### Electrical properties

Electrical isolation	VCC // GND
Test voltage data interfaces	500 V

### Supply

Supply voltage range	4 V DC ... 6 V DC (via 3-pos. device connector, using adapter set)
Nominal supply voltage	5 V DC $\pm$ 20 % (via 3-pos. device connector, using adapter set)
Typical current consumption	70 mA (5 V DC)

### Interfaces

Data: V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1

Serial transmission speed	300, 1200, 2400, 4800, 7200, 9600, 19200, 31250, 38400, 57600, 75000, 93750, 115200 bps
Connection method	D-SUB-9 female connector
Transmission length	max. 15 m
File format/coding	Serial asynchronous UART/NRZ, 7/8 data, 1/2 stop, 1 parity, 10/11-bit character length
Data flow control/protocols	Software handshake, Xon/Xoff, or hardware handshake RTS/CTS, 3964 compatible

### Wireless

Interface description	Specification 1.1, class 2
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Transmission method	1.6 kHz (FHSS)
Transmit capacity, minimum	0 dBm
Minimum receiver sensitivity	-75 dBm
Antenna	Internal
Range	0 dBm (1 mW) = 10 m 30 m
Bluetooth Multidrop master/slave	1/3

### Dimensions

Width	52 mm
Height	60.5 mm
Depth	16 mm

### Material specifications

Color (Housing)	green (RAL 6021)
Material (Housing)	PBT-FR

# PSI-WL-PLUG-RS232/BT - Bluetooth converter



2708494

<https://www.phoenixcontact.com/us/products/2708494>

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C

## EMC data

Electromagnetic compatibility	Conformance with R&TTE directive 1999/5/EC
Noise immunity	Not relevant, cable length < 3 m

### Noise emission

Standards/regulations	EN 55011
-----------------------	----------

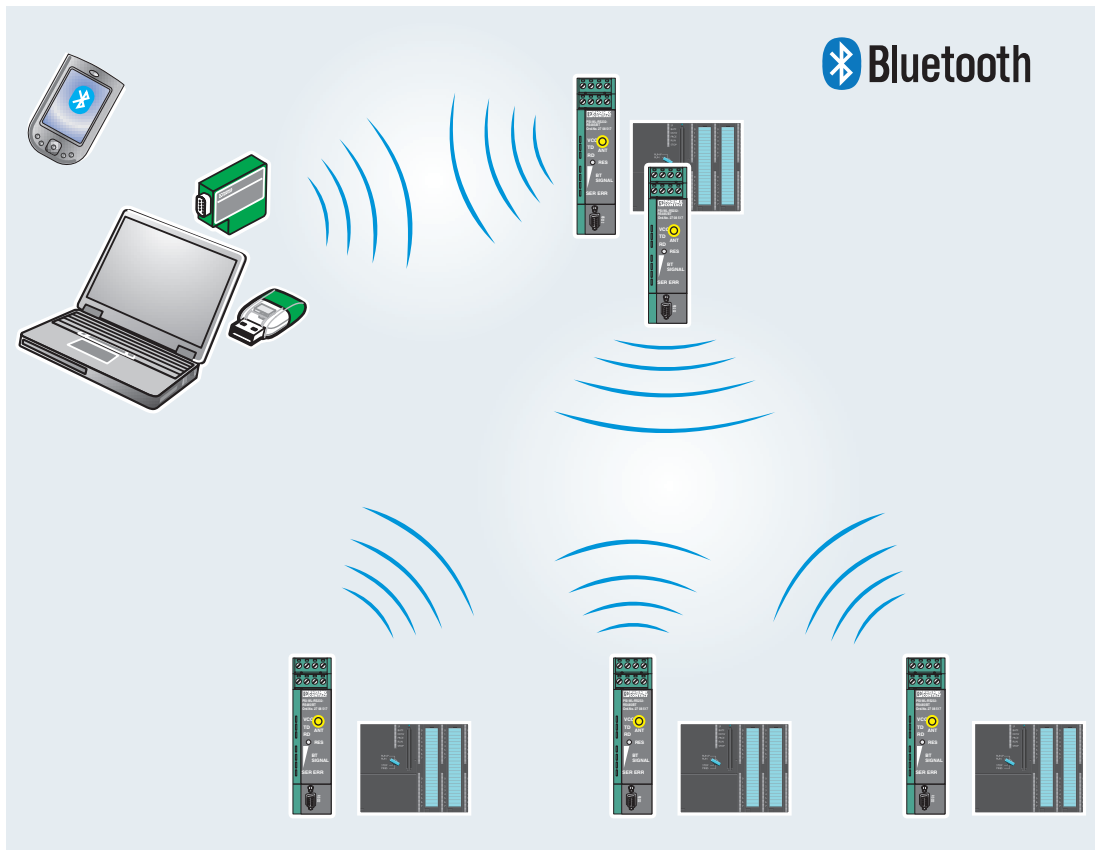
# PSI-WL-PLUG-RS232/BT - Bluetooth converter

2708494

<https://www.phoenixcontact.com/us/products/2708494>

## Drawings

### Functional drawing



# PSI-WL-PLUG-RS232/BT - Bluetooth converter



2708494

<https://www.phoenixcontact.com/us/products/2708494>

## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
-------------------------------------	--

	No substance above 0.1 wt%
--	----------------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)