

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



2708494

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

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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

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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

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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
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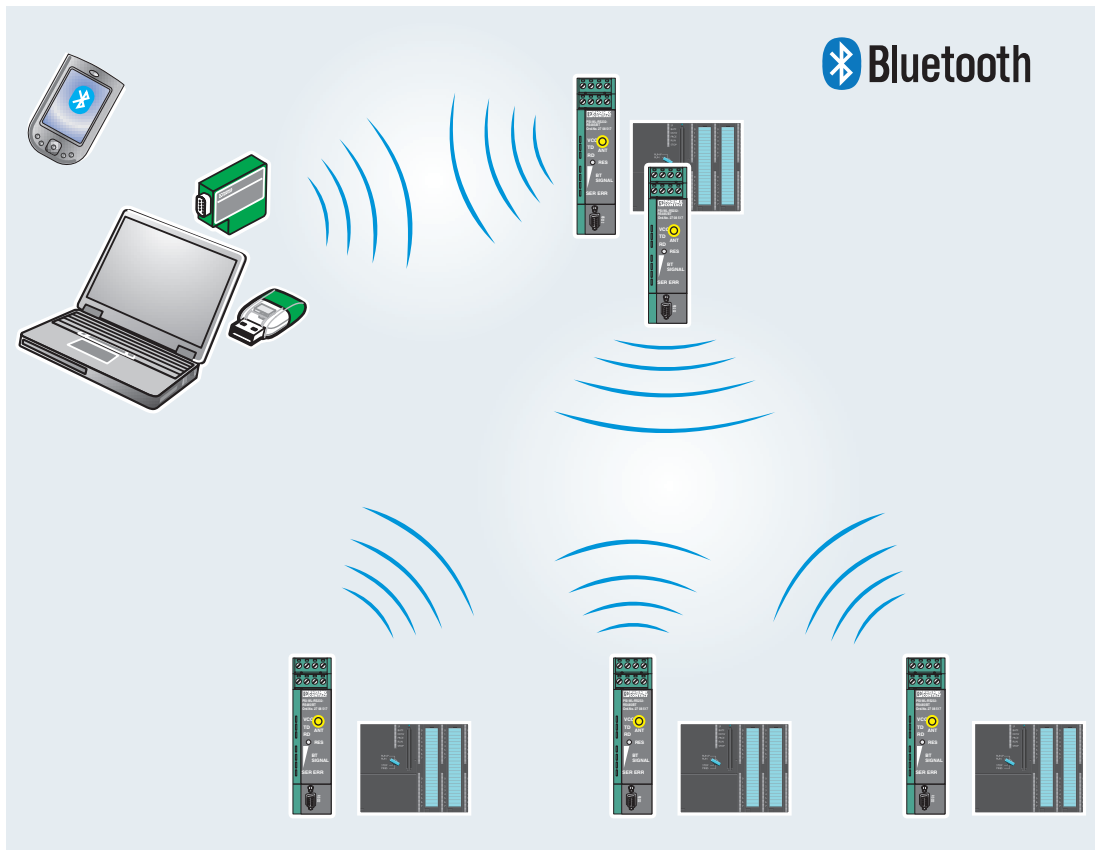
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Drawings

Functional drawing



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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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