

PSI-WL-PLUG-RS232/BT

Order No.: 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

GTIN (EAN)	 4 017918 974152
sales group	H670
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 567 (IF-2011)

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Technical data

Serial interface

Interface 1	V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
File format/coding	Serial asynchronous UART/NRZ, 7/8 data, 1/2 stop, 1 parity, 10/11-bit character length
Transmission length	max. 15 m
Connection method	D-SUB-9 female connector
Data flow control/protocols	Software handshake, Xon/Xoff, or hardware handshake RTS/CTS, 3964 compatible
Serial transmission speed	300, 1200, 2400, 4800, 7200, 9600, 19200, 31250, 38400, 57600, 75000, 93750, 115200 bps

Radio interface

Interface description	Specification 1.1, class 2
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Transmission method	Frequency hopping 1.6 kHz (FHSS)
Transmit capacity, minimum	0 dBm
Minimum receiver sensitivity	-75.00 dBm
Antenna	Internal
Range	0 dBm (1 mW) = 10 m to 30 m
Bluetooth Multidrop master/slave	1/3

Power supply

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

General data

Width	52 mm
Height	60.5 mm
Depth	16 mm
Ambient temperature (operation)	-20 °C ... 60 °C
Electrical isolation	(VCC // GND)
Test voltage data interfaces	500 V
Electromagnetic compatibility	Conformance with R&TTE directive 1999/5/EC
Noise emission	EN 55011
Noise immunity	Not relevant, cable length < 3 m
Degree of protection	IP20
Housing material	PBT-FR
Color	green

Certificates / Approvals



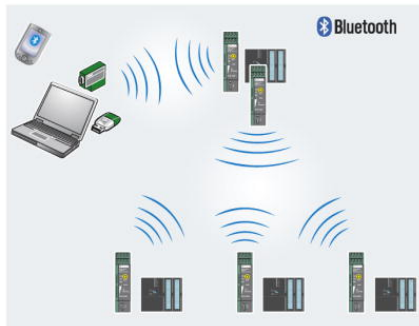
Certification CUL, UL

Accessories

Item	Designation	Description
General		
2746472	IBS ECO-LINK NT 230AC/5DC	Power supply unit, for IBS ECO-LINK
2708025	PSM-VLTG-USB/PS2/0,5	Adapter set with 0.5 m cable, to supply the PSI Bluetooth RS-232 adapter from a USB or PS2 interface
2787460	PSM-VLTG/1,5METER	Connecting cable, for the power supply of a plug-in module via a central power supply unit

Diagrams/Drawings

Functional drawing



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