

USB Bluetooth adapter - PSI-WL-PLUG-USB/BT - 2313083

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Bluetooth-USB adapter for direct assembly on USB type A ports and wireless transmission from USB interfaces



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	146.3 g
Custom tariff number	85176200
Country of origin	Taiwan

Technical data

Dimensions

Width	18 mm
Height	58 mm
Depth	8 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 70 °C
Altitude	5000 m (For restrictions see manufacturer's declaration)
Degree of protection	IP20
Noise immunity	Not relevant, cable length < 3 m

General

Electromagnetic compatibility	Conformance with R&TTE directive 1999/5/EC
Noise emission	EN 55022 / Class B
Net weight	146.3 g

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Technical data

Power supply

Nominal supply voltage	5 V DC (Directly via the USB interface)
Typical current consumption	100 mA (5 V DC)

Serial interface

Interface 1	USB 2.0
Interface	USB 2.0
Connection method	USB type A, male connector
File format/coding	Synchronous / asynchronous
Transmission length	max. 5 m
Data flow control/protocols	Transparent to protocol incl. 3964 R protocol
Serial transmission speed	Up to 2.1 Mbps

Radio interface

Interface description	Bluetooth 2.0
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)
Transmission method	1.6 kHz (FHSS)
Transmit capacity, minimum	20 dBm
Minimum receiver sensitivity	-80 dBm
Antenna	Internal
Range	20 dBm (100 mW) = 80 m ... 150 m

Standards and Regulations

Electromagnetic compatibility	Conformance with R&TTE directive 1999/5/EC
Noise emission	EN 55022 / Class B
Noise immunity	Not relevant, cable length < 3 m

Classifications

eCl@ss

eCl@ss 4.0	27230207
eCl@ss 4.1	27230207
eCl@ss 5.0	27230207
eCl@ss 5.1	27230207
eCl@ss 6.0	27230207
eCl@ss 7.0	27230207

ETIM

ETIM 2.0	EC000739
ETIM 3.0	EC000310

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Classifications

ETIM

ETIM 4.0	EC000310
ETIM 5.0	EC000310

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Accessories

Accessories

Interface converter

Bluetooth converter - PSI-WL-RS232-RS485/BT/2DO - 2313805



Bluetooth converter, wireless transmission: RS-232/RS-422/RS-485 2-wire, mounting on EN DIN rails, MCX connection for external antenna, integrated path diagnostics: bar graph + two digital outputs

Bluetooth converter - PSI-WL-MPI/BT-SET - 2313562



PSI Line Bluetooth MPI-SET, pre-configured to 38.4 kbps/s for password-protected programming access to a Siemens MPI interface, scope of supply: 1x Bluetooth converter, 1x omnidirectional antenna, 1x PSI-MPI/RS232 adapter, 1x RS-232 cable.

Bluetooth converter - PSI-WL-RS232-RS485/BT/HL - 2313795



Bluetooth convertor, wireless transmission: RS-232/RS-422/RS-485 2-wire, mounting on EN DIN rails, MCX connection for external antenna, integrated path diagnostics: bar graph, UL-HazLoc approval

Wireless IO component

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Accessories

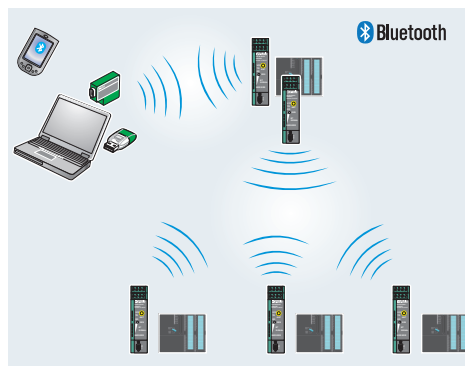
Wireless module - FL BT MOD IO AP - 2884758



Wireless Bluetooth Modbus I/O access point, Modbus TCP; RJ45 connection for LAN; D-SUB9 - RS-232; antenna connection: SMA (female)

Drawings

Functional drawing



Mouser Electronics

Authorized Distributor

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