Ixxat USB-to-CAN V2 PlugIn



Item number: 1.01.0288.22003

The Ixxat USB-to-CAN V2 Plugin with two CAN channels and galvanic isolation enables the simple and fast implementation of CAN interfaces into customer devices. Its compact design and economic pricing make it an ideal choice for space-limited applications and series production.

PC interface adapter (2 x CAN), galv. isolated

Features and benefits

Versatile connectivity for CAN-based networks

Simplifies the connection of computers to CAN-based networks by providing versatile integration options for industrial and automotive applications.

Space-saving compact design

The compact and space-efficient design makes it an ideal choice for setups where space is limited, without compromising on functionality and reliability.

High-speed USB connectivity

Native USB 2.0 hi-speed (480 MBit/s) ensures fast data transfer and compatibility with USB 1.1 and USB 3.x.

Efficient data handling

Offers high data throughput combined with minimal latency, ensuring prompt and efficient data processing for demanding needs.

Comprehensive driver compatibility

Ixxat VCI driver packages support multiple fieldbuses and allow easy switching between different PC interface types. Available as free download.

Analysis software included

Ixxat canAnalyser3 Mini is included in the VCI V4 download package and enables first steps in analyzing and monitoring CAN networks.

Cost-effective connectivity

Offers a cost-effective solution, delivering high performance at an economical price. Ideal choice for demanding applications, without having to compromise on quality.

Dual CAN connection

Equipped with two CAN channels, establishing a connection to up to two independent CAN bus systems.

High-precision timestamps

High-precision on-board time-Stamping allows for precise data tracking and monitoring.

Overvoltage protection

Galvanic isolation safeguards against overvoltage and protects from potential electrical damage.

Powerful programming interface

Ixxat offers versatile programming interfaces for Windows (VCI), Linux (ECI) and real-time OS (on request), enabling flexible development across multiple operating systems.

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General

Net Width (mm)	67.5
Net Height (mm)	40
Net Depth (mm)	9.2
Net Weight (g)	220
Packed Weight (g)	220
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10 to 95 %, non-condensing
Current Consumption Max value at Vcc nom (mA)	300 mA (5 V DC)
Input Voltage (V)	5 V DC via USB port
Power Connector	USB
Isolation	1 kV DC for 1 sec.
Content of Delivery	USB-to-CAN V2 Plugin interface, user manual, available as free download: CAN driver VCI, simple CAN monitor "canAnalyser Mini"
Not Included (in delivery)	Comprehensive and powerful driver and software packages are available as free download
Mounting	PCB mounting
Housing Materials	PC ABS, UL 94 VO
Packaging Material	Cardboard

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General

Warranty (years)	1

Identification and Status

Product ID	1.01.0288.22003
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

Physical Features

Connectors / Input / Output	2 x CAN connector (single row female header, 2.54 pitch), 1 x USB connector (single row female header, 2.54 pitch)
Contains Battery	No

CAN Features

CAN Mode	CAN high-speed (ISO 11898-2: 2016)
CAN Transceiver	TI SN65HVD251
CAN Controller	CAN 2.0 A/B
CAN Baud Rate	10 kbits/s to 1 Mbit/s

Certifications and Standards

Product Certifications	CE, FCC, UKCA
WEEE Category	IT and telecommunications equipment