Ixxat INpact PIR Slave M.2 Bracket Kit

Item number: 1.01.0342.24153

The Ixxat INpact PIR Slave M.2 Bracket Kit is a versatile and efficient solution to connect embedded systems and PCs to PROFINET IRT networks. This preconfigured PROFINET IRT variant features a very space-saving M.2 format and delivers isochronous real-time data exchange, ideal for motion control tasks. The kit includes an Ixxat INpact M.2, a connection cable, a bus coupling unit and a mini bracket plate.



Connects computers and embedded systems to PROFINET IRT networks

Features and benefits

Ideal for demanding requirements

Offers reliable data processing with deterministic real-time behavior, utilizing Anybus CompactCom NP40 technology to ensure efficient communication in complex and time-sensitive applications.

Ultra-compact M.2 interface

With its M.2 form factor, this variant is ideal for small devices and mobile applications with limited available space.

Overvoltage protection

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

Broad application range

Suitable for diverse applications including slave connection to networks, process data visualization, Human-Machine-Interfaces (HMI), data acquisition, and measurement and analysis.

Easy configuration and maintenance

User-friendly configuration tools simplify setup and system updates, making it a flexible solution for long-term use in dynamic environments.

Seamless PC operation under Windows and Linux

Powerful driver packages enable easy integration into PC-based Ixxat applications and customer-specific programs.

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General

Net Weight (g)	43
Packed Weight (g)	180
Isolation	1,500 Vrms
Configuration	The Ixxat INpact cards comes with a comprehensive C-API based driver package for Windows and Linux – enabling simple and rapid development of customer-specific applications. Their uniform application programming interface allows for quick protocol switching with minimal programming, enhancing flexibility and reducing development costs.
Content of Delivery	Ixxat INpact PC board, user manual, pre-installed firmware, connection cable (150 mm), bus coupling unit, mini bracket, available as free download: Windows, Linux and INtime driver software
Not Included (in delivery)	comprehensive and powerful driver and software packages are available as download
Packaging Material	Cardboard

Identification and Status

Product ID	1.01.0342.24153
Country of Origin	Germany
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 RJ45 connectors via bus interface board, 1 x PCI express single lane port (x1)
Form Factor	M.2
Contains Battery	No

PROFINET Features

PROFINET Supported Functionality	100 Mbit/s Ethernet ports with full duplex operation, supports up to 128 sub-modules in total, up to 32767 ADIs, Generic and Profinet specific diagnostic support, complies with Profinet IO Conformance class C, supports up to 1440 bytes I/O data in each direction, status bytes included, SNMP agent, FTP server, E-mail client, Server Side Include (SSI) functionality, JSON functionality, device identity customization, GSD file template provided by HMS, supports Media Redundancy Protocol (MRP)

Certifications and Standards

WEEE Category	IT and telecommunications equipment