

## 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.
- ✓ **Overvoltage protection**  
Galvanic isolation safeguards against overvoltage and protects from potential electrical damage.
- ✓ **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.
- ✓ **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.
- ✓ **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.
- ✓ **Seamless PC operation under Windows and Linux**  
Powerful driver packages enable easy integration into PC-based Ixxat applications and customer-specific programs.

# Ixxat INpact PIR Slave M.2 Bracket Kit



## General

|                            |   |
|----------------------------|---|
| Net Weight (g)             | 200   |
| Packed Weight (g)          | 200   |
| 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) | EAR99           |

## Physical Features

|                             |  |
|-----------------------------|--|
| Connectors / Input / Output | 2 x RJ45 connectors via bus interface board, 1 x PCI express single lane port (x1) |
| 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

|                     |          |
|---------------------|----------|
| ETIM Classification | EC000515 |
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